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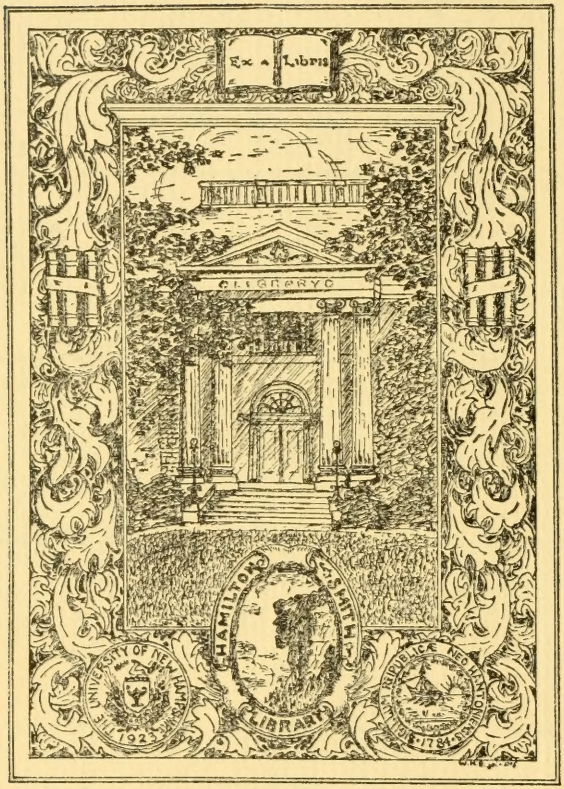

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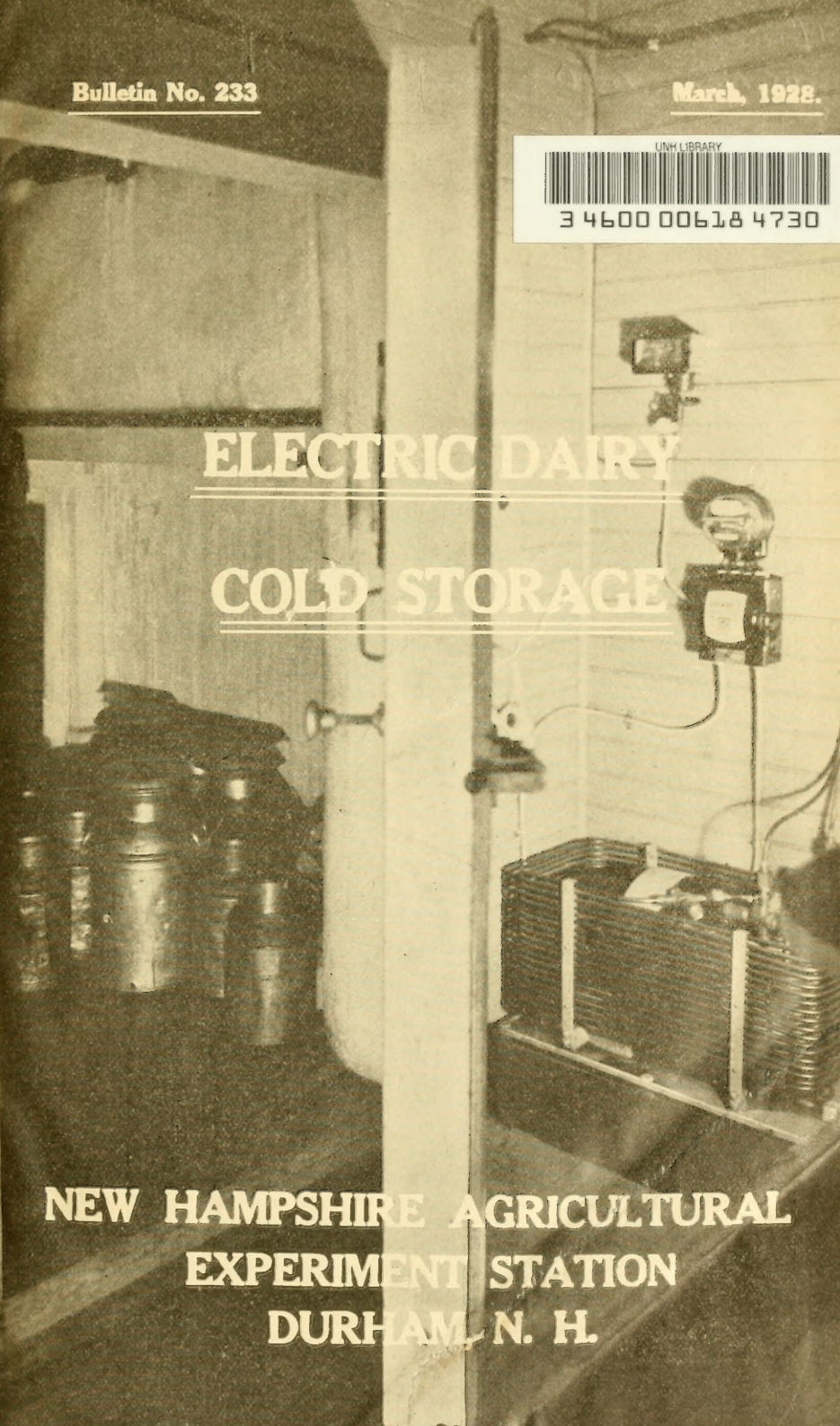

NEW HAMPSHIRE AGRICULTURAL EXPERIMENT STATION
DURHAM, N. H.

INSPECTION OF COMMERCIAL FEEDING STUFFS

Made for the
STATE DEPARTMENT OF AGRICULTURE

The inspection of commercial feeding-stuffs reported in this bulletin was made under the direction of the Honorable Andrew L. Felker, Commissioner of Agriculture. Mr. E. D. Sanborn, State Inspector, collected samples of 376 brands of feeding-stuffs which were offered for sale in the State between December, 1927, and April, 1928.

THE LAW

The New Hampshire law entitled an Act to Regulate the Sale of Concentrated Commercial Feeding-Stuffs requires every manufacturer or dealer who shall sell or offer for sale any concentrated commercial feeding-stuff to furnish with each package a clearly printed statement certifying the number of net pounds in the package, the brand name under which the feed is sold, the name and address of the manufacturer, the ingredients of which the feed is composed, and a chemical analysis stating the minimum percentage only of protein, fat and carbohydrates, and the maximum percentage only of crude fiber. The purposes of the law are primarily to protect the consumer against the dishonest or careless manufacturer and to enable him to buy more economically the feeds best suited to his needs. The law aims to prevent misbranding, adulteration and other fraudulent practices. It requires that full information be available to the purchaser both as to the guaranteed analysis of the feed and the materials of which it is composed. The consumer's co-operation in refusing to buy any feed which does not conform to the law in every respect will not only help in the enforcement of the law but will at the same time afford himself its protection. The state official charged with the enforcement of the feeding-stuffs law is the Commissioner of Agriculture.

CLASSIFICATION

In classifying the feeding-stuffs here reported the class names under which they were sold to the consumer have been used. Table 1 shows the number in each class, the average price per 100 pounds, the average per cent of protein, the number of pounds of protein per $1.00, the number deficient by one-half per cent protein, the average per cent of fat, the number of pounds of fat per $1.00 and the number deficient by one-fourth per cent fat.

TABLE I.

Class	Number in class	Average price per 100 pounds	Average per cent protein	Pounds of protein per $1.00	Number deficient ½ per cent protein	Average per cent fat	Pounds of fat per $1.00	Number deficient ¼ per cent fat
Alfalfa Meal	3	$3.25	16.26	5.00	1	1.72	0.53	0
Alfalfa Leaf Meal	2	3.25	18.96	5.83	0	2.58	0.79	0
Alfalfa and Molasses	1	2.15	14.19	6.60	0	0.89	0.41	0
Beet Pulp	1	2.45	8.78	3.58	0	0.61	0.25	0
Brewers' Dried Grains	2	2.48	20.86	8.41	2	6.03	2.43	1
Buttermilk	1	9.50	33.67	3.54	0	6.06	0.64	0
Calf Meal	6	4.54	23.81	5.24	0	5.02	1.11	0
Compounded Feed	25	2.32	9.73	4.19	1	4.25	1.83	2
Corn Feed Meal	1	2.40	8.76	3.65	0	4.48	1.87	0
Cottonseed Feed	1	2.40	20.22	8.43	0	3.85	1.60	0
36% Cottonseed Meal	9	2.61	36.24	13.89	2	6.53	2.50	0
41% Cottonseed Meal	3	2.87	41.11	14.32	0	6.94	2.42	0
43% Cottonseed Meal	5	2.86	41.44	14.49	3	6.95	2.43	0
Dairy Feed	90	2.62	21.66	8.27	15	4.75	1.81	16
Fish Meal	3	4.75	61.38	12.92	0	3.52	0.74	1
Gluten Feed	5	2.52	26.25	10.42	0	2.34	0.93	0
Gluten Meal	1	2.90	42.36	14.61	0	3.31	1.14	0

Hog Feed	3	2.90	18.82	6.49	0	5.54	1.91	0
Hominy Feed	9	2.46	10.49	4.26	1	6.08	2.47	3
Horse Feed	5	2.78	10.05	3.62	2	3.63	1.31	0
Linseed Meal	7	2.99	34.85	11.66	2	5.94	1.99	0
Malt Sprouts	1	2.05	22.20	10.83	1	1.36	0.66	1
Meat and Bone Scrap	21	4.60	49.40	10.74	8	10.86	2.36	2
Oat Products	4	3.40	10.78	3.17	0	4.17	1.23	0
Poultry Feed	55	3.35	18.78	5.61	6	5.26	1.57	4
Skim Milk Powder	2	10.50	35.33	3.37	0	0.90	0.09	1
Wheat Bran	36	2.22	14.79	6.66	12	5.06	2.28	1
Wheat Middlings	31	2.46	15.74	6.40	7	5.24	2.13	0
Wheat Mixed Feed	25	2.39	15.09	6.31	10	4.69	1.96	2
Wheat Red Dog Flour	9	2.75	16.50	6.00	2	4.46	1.62	1
Wheat Shorts	9	2.29	16.33	7.13	3	5.74	2.51	0
Total	376				78			35

NUMBER OF SAMPLES FAILING TO COMPLY WITH THE LAW

Of the 376 brands analyzed only 161 complied with the law in every respect. The 215 which did not fully comply with the law violated it on 279 counts. One hundred and twelve brands or 29.8 per cent were deficient in protein; 78 of these or 20.7 per cent were deficient one-half per cent or more. Fifty-one brands or 13.6 per cent were deficient in fat, 35 of these or 9.3 per cent were deficient one-quarter per cent or more. Twenty-nine brands contained an excessive amount of crude fiber. One brand failed to guarantee crude fiber. Thirty-nine brands were deficient in carbohydrates. Forty-four brands were offered for sale without the carbohydrate guarantee. On three brands the sliding scale guarantee was used. The use of the sliding scale guarantee does not meet the requirements of the law and in the following pages only the maximum guarantee is published. In the tabulation of the analytical data deficiencies of one-half per cent or more of protein and of one-fourth per cent or more of fat are shown in italics.

REQUESTS FOR ANALYSIS OF FEEDING-STUFFS BY CONSUMERS

The Department is frequently asked to make an analysis of feeding-stuffs for individuals. This service is gladly rendered when the circumstances warrant it. Such samples should be drawn from at least five bags, preferably ten, in a manner to insure that the small lot sent for analysis is accurately representative of the larger lot from which it is taken. A one-pound sample is sufficient for the analysis. It should be sent in a glass jar or tin box to prevent the loss of fine particles and a change in the moisture content. In order that the Department may know whether or not the manufacturer and the dealer are complying with all the requirements of the law, the following information should be submitted concerning each sample:

Brand .....

Manufacturer .....

Address .....

Guarantee:

Protein .....

Fat .....

Carbohydrates .....

Crude Fiber .....

Ingredients .....

Dealer .....

Address .....

Number of bags in lot .....

Number of bags sampled .....

Price per 100 pounds .....

Sender's Name .....

Address .....

Reason for requesting analysis .....

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moist-ure	Crude Fiber	
ALFALFA MEAL							
Triple XXX Alfalfa Meal	G. 13.00	1.00	68.00	....	....	33.00	
Denver Alfalfa Milling and Products Co., Lamar, Col.	F. 14.32	1.53	67.28	8.41	8.46	....	
Fine Ground Green Poultry Alfalfa Meal	G. 17.00	1.60	58.00	....	....	25.00	
Ralston Purina Co., Inc. St. Louis, Mo.	F. 17.26	1.82	61.86	9.88	9.18	....	
Atlas Poultry Greens	G. 18.00	2.00	35.00	....	....	22.00	Alfalfa.
A. W. Scott Co. San Francisco, Cal.	F. 17.21	1.81	59.82	13.13	8.03	....	
ALFALFA LEAF MEAL							
Alfalfa Leaf Meal Leafalfa Brand	G. 20.00	2.50	58.00	....	....	18.00	
Denver Alfalfa Milling and Products Co. Lamar, Col.	F. 19.82	2.87	52.64	16.40	8.27	....	
Alfalfa Leaf Meal	G. 17.00	1.50	40.00	....	....	23.00	
Pecos Valley Alfalfa Mill Co. Hagerman, New Mexico	F. 18.10	2.28	58.60	10.83	10.19	....	
ALFALFA AND MOLASSES							
Amco June Pasture, Alfalfa and Molasses	G. 10.00	0.50	65.00	....	....	21.00	Alfalfa meal and molasses.
American Milling Co. Peoria, Ill.	F. 14.19	0.89	56.27	11.91	16.74	19.34	
BEET PULP							
Dried Beet Pulp	G. 8.00	0.50	74.00	....	....	22.00	
Holland-St. Louis Sugar Company Decatur, Ind.	F. 8.78	0.61	79.28	3.32	8.01	....	

BREWERS' DRIED GRAINS							
Brewers' Dried Grains St. Albans Grain Co. St. Albans, Vt.	G. 23.00 F. 20.27	6.00 5.39	50.00 59.96	.... 3.56	.... 10.82	13.50	
Bull Brand Dried Brewers' Grains Farmers Feed Co. New York City	G. 22.00 F. 21.45	6.00 6.67	.... 60.02	.... 5.12	.... 6.74	15.00	
BUTTERMILK							
Universal Brand Pure Dried Buttermilk Universal By-Products Co. San Francisco, Cal.	G. 32.00 F. 33.67	2.00 6.06	.... 44.00	.... 9.26	.... 7.01	1.00	
CALF MEAL							
Amco Calf Meal American Milling Co. Peoria, Ill.	G. 22.00 F. 21.74	3.00 4.24	55.00 57.01	.... 6.54	.... 10.47	4.00 3.87	Old process linseed meal, malted barley, blood flour, oat flour, wheat red dog flour, corn meal, bone meal, limestone, salt.
Blatchford's Calf Meal Blatchford Calf Meal Co. Waukegan, Ill.	G. 24.00 F. 23.68	5.00 5.16	53.00 54.05	.... 6.85	.... 10.26	6.75 4.85	Locust bean meal, unpressed flaxseed, blood flour, rice polish, fish meal, old process linseed meal, milk albumen, barley meal, bone meal, wheat flour, cocoanut oil meal, cottonseed meal, fenugreek, anise, salt.
Eshelman's Calf Meal John W. Eshelman and Sons Lancaster, Pa.	G. 16.00 F. 22.28	3.00 4.14	60.00 59.54	.... 3.06	.... 10.98	5.00 4.12	Wheat middlings, wheat flour, oat meal, kaffir corn, blood meal, 2% flaxseed meal.
Merrimack Calf Meal Merrimack Farmers Exchange Inc. Concord, N. H.	G. 20.00 F. 21.28	4.50 5.10	55.00 59.24	.... 4.44	.... 9.94	5.00 3.76	Milk, blood, oat groats, white middlings, hominy, bone meal, fenugreek, anise, calcium carbonate, salt, linseed meal.
Steven's Milkade Calf Meal Park and Pollard Co. Boston, Mass.	G. 20.00 F. 24.13	7.00 7.99	50.00 49.06	.... 10.74	.... 8.08	7.50 5.48	Malt, old process linseed meal, wheat bran, wheat flour, cocoanut oil meal, 1% bone meal, rice polish, wheat middlings, sesame oil meal, 3% blood flour, calcium carbonate, fenugreek, anise, salt.
Purina Calf Chow Ralston, Purina Co., Inc. St. Louis, Mo.	G. 27.00 F. 29.77	3.20 3.48	55.00 51.02	.... 4.64	.... 11.09	4.50 3.14	Blood flour, linseed meal hominy feed, wheat flour, corn feed meal, 1% bone meal, 1% salt.

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
COMPOUNDED FEED							
Pennant Brand Stock Feed E. W. Bailey and Co. Swanton, Vt.	G. 9.50 F. 9.94	5.50 *4.44*	70.00 70.67	.... 4.29	.... 10.66	9.50 8.84	Oat middlings, oat hulls, oat shorts, linseed meal, barley, hominy.
Belknap Stock Feed Belknap County Farmers Exchange Laconia, N. H.	G. 9.00 F. 9.37	5.00 *4.72*	60.00 72.44	.... 3.32	.... 10.15	10.00 10.18	White hominy, wheat red dog, oat by-products, oat middlings, oat hulls, oat shorts, ½% salt.
Centaur Feed Chapin and Co. Hammond, Ind.	G. 12.00 F. 12.34	4.00 4.32	.... 67.10	.... 5.85	.... 10.39	8.00 7.08	Linseed meal, hominy feed, corn meal, oats, wheat bran, bone charcoal, salt.
Coweco Stock Feed E. A. Cowee Co. Fitchburg, Mass.	G. 9.00 F. 9.37	4.00 4.21	45.00 72.25	.... 4.84	.... 9.33	11.00 11.20	Oats, hominy meal, corn, barley, oat middlings, oat shorts, oat hulls, salt, calcium carbonate.
J. C. Stock Feed J. Cushing Co. Fitchburg, Mass.	G. 8.00 F. 9.37	4.00 4.80	60.00 72.04	.... 3.02	.... 10.77	15.00 10.83	Oats, corn feed meal, oat feed.
Quality Stock Feed J. Cushing Co. Fitchburg, Mass.	G. 9.00 F. 8.89	3.00 3.90	50.00 73.71	.... 2.96	.... 10.54	10.00 8.21	Corn feed meal, hominy feed, oats, wheat middlings, oat middlings, oat hulls, oat shorts, ½% salt.
Eastern's Big-Value Stock Eastern Grain Co. Portland, Me.	G. 9.00 F. 7.75	4.00 *2.86*	.... 72.82	.... 3.46	.... 13.11	10.00 11.01	Corn feed meal, oat feed, flour middlings, ½% salt.
Elmore Stock Feed Elmore Milling Co. Inc. Oneonta, N. Y.	G. 10.00 F. 9.81	3.00 4.72	.... 72.30	.... 3.95	.... 9.22	12.00 9.78	Corn meal or hominy feed, oats, oat middlings, oat hulls, oat shorts, salt.

Eshelman's Stock Feed John W. Eshelman and Sons Lancaster, Pa.	G. 9.00 F. 9.50	3.00 4.45	50.00 71.95	.... 3.88	.... 10.22	11.00 11.38	Hominy feed, corn feed meal, oats, wheat middlings, oat hulls, oat shorts, ½% salt.
H and H Sugared Stock Feed Hales and Hunter Co. Chicago, Ill.	G. 10.00 F. 14.19	3.25 4.29	58.00 62.23	.... 7.25	.... 12.04	12.00 8.97	Corn, hominy feed, corn feed meal, cottonseed meal, linseed meal, low grade flour, wheat middlings, oat middlings, oat shorts, oat hulls, molasses, ¾% salt.
Granite State Stock Feed E. C. and W. L. Hopkins Greenfield, N. H.	G. 9.00 F. 9.50	5.00 5.84	60.00 71.52	.... 3.96	.... 9.18	10.00 10.98	White hominy, wheat red dog, oat middlings, oat hulls, oat shorts, ½% salt.
Our Special Stock Feed E. C. and W. L. Hopkins Greenfield, N. H.	G. 7.50 F. 7.58	3.00 3.55	70.00 75.03	.... 4.25	.... 9.59	13.50 15.18	Corn or hominy meal, oat middlings, oat shorts, oat hulls, ½% salt.
Grandin's Stock Feed D. H. Grandin Milling Co. Jamestown, N. Y.	G. 9.00 F. 9.00	5.00 5.03	55.00 71.93	.... 2.72	.... 11.32	12.00 9.46	Corn meal, corn feed meal, hominy feed, wheat middlings, barley, oat middlings, oat hulls, oat shorts, ½% salt, screenings not exceeding mill run.
Bull Brand B-B Stock Feed Maritime Milling Co. Inc Buffalo, N. Y.	G. 9.50 F. 9.54	3.50 4.17	.... 71.72	.... 4.14	.... 10.43	10.00 11.23	Hominy feed, corn feed meal, oats, oat hulls, oat shorts, ¾% salt, wheat bran, mill run of ground screenings.
Stock Feed McQuesten and Lewis Manchester, N. H.	G. 9.00 F. 11.28	3.00 3.61	60.00 70.06	.... 3.48	.... 11.57	12.00 9.21	Corn, hominy feed, linseed meal, barley, low grade wheat flour, wheat bran, wheat middlings, screenings not exceeding mill run, gluten meal, oat hulls, ¾% salt.
Merrimack Stock Feed Merrimack Farmers Exchange Inc. Concord, N. H.	G. 9.00 F. 9.15	4.00 4.81	55.00 70.87	.... 5.11	.... 10.06	11.00 8.97	White hominy, oats, oat middlings, oat shorts, oat hulls, ½% salt.
Quaker Sugared Schumacher Feed Quaker Oats Co. Chicago, Ill.	G. 10.00 F. 10.07	3.25 3.25	70.00 70.57	.... 5.77	.... 10.34	12.00 11.07	Corn, hominy feed, barley meal, cottonseed meal, linseed meal, wheat middlings, low grade wheat flour, wheat screenings not exceeding mill run, oat middlings, oat shorts, oat hulls, ¼% salt, 1% calcium carbonate, 1% bone meal, molasses.

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Richford White Diamond Stock Feed ..	G. 8.00	3.00	60.00	....	....	14.00	Corn, hominy feed, barley feed, oat middlings, oat hulls, oat shorts, ¾% salt.
Quaker Oats Co.	F. 8.08	3.44	74.33	5.34	8.81	13.45	
Chicago, Ill.							
Bison Stock Feed Sweetened	G. 10.00	3.00	50.00	....	....	12.00	Corn meal, old process linseed meal, grain screenings, oat feed, oat hulls, oat shorts, oat middlings, molasses, calcium carbonate, salt.
Park and Pollard Co.	F. 11.82	3.35	66.93	7.09	10.81	10.84	
Boston, Mass.							
Money Maker	G. 10.00	5.00	50.00	....	....	12.00	Clipped oat by-product, molasses, grain screenings, cocoa shell meal, calcium carbonate, salt.
Park and Pollard Co.	F. 11.64	6.40	60.56	9.98	11.42	8.76	
Boston, Mass.							
Stock Feed	G. 8.00	2.50	50.00	...	....	12.00	Barley, corn, oats, hominy feed, oat hulls, oat middlings, oat shorts, calcium carbonate, salt.
Park and Pollard Co.	F. 8.29	3.79	72.86	5.05	10.01	11.91	
Boston, Mass.							
Purina O-Molene Feed	G. 9.70	3.20	67.00	....	....	9.00	Corn, oats, molasses, linseed meal, alfalfa, 1% salt.
Ralston Purina Co.	F. 11.10	3.55	68.30	4.01	13.04	8.13	
St. Louis, Mo.							
Charlestock Feed Sweetened	G. 9.00	4.00	50.00	....	....	14.00	Oat shorts, oat middlings, oat hulls, hominy or corn meal, linseed meal, salt.
St. Albans Grain Co.	F. 9.19	4.17	71.26	6.24	9.14	12.41	
St. Albans, Vt.							
Wirthmore Stock Feed	G. 9.00	4.00	70.00	....	....	9.50	Barley, oats, hominy meal, corn, oat middlings, oat shorts, oat hulls, salt.
St. Albans Grain Co.	F. 8.84	4.61	72.01	3.96	10.58	11.06	
St. Albans, Vt.							
Stratton and Co.'s Stock Feed 24	G. 7.50	2.83	66.00	....	....	14.43	Oat feed, oat middlings, oat shorts, corn bran, corn siftings, corn meal.
Stratton and Co.	F. 7.75	3.94	74.22	3.81	10.28	13.64	
Concord, N. H.							

CORN FEED MEAL							
Amco Corn Feed Meal	G. 9.00	4.00	65.00	....	....	5.00	
American Milling Co.	F. 8.76	4.48	69.35	4.82	12.59	....	
Peoria, Ill.							
COTTONSEED FEED							
Cot-Min Prime Cottonseed Feed	G. 20.00	3.50	40.00	....	....	20.00	Cottonseed meal, cottonseed hulls.
Ashcraft-Wilkinson Co.	F. 20.22	3.85	62.75	4.42	8.76	....	
Atlanta, Ga.							
36% COTTONSEED MEAL							
Atlas 36% Cottonseed Meal	G. 36.00	5.50	27.00	....	....	14.00	
E. T. Allen Co.	F. 35.69	7.14	42.56	5.49	9.12	....	
Atlanta, Ga.							
Paramount Brand Good Cottonseed Meal.	G. 36.00	5.50	27.00	....	....	14.00	
Ashcraft-Wilkinson Co.	F. 35.55	6.02	44.43	5.96	8.04	....	
Atlanta, Ga.							
Owl Brand 36% Prime Cottonseed Meal.	G. 36.00	5.00	28.00	....	....	14.00	
F. W. Brode Corporation	F. 37.67	7.18	41.68	5.81	7.66	....	
Memphis, Tenn.							
Danish Brand Cottonseed Feed	G. 36.00	5.00	25.00	....	....	15.00	
Humphreys-Godwin Co.	F. 37.45	6.42	44.29	5.05	6.79	....	
Memphis, Tenn.							
International Rainbow 36% Cottonseed Meal	G. 36.00	5.00	30.00	....	....	14.00	
International Agricultural Corp.	F. 33.32	6.01	46.41	5.49	8.77	....	
Columbus, Ga.							
Lovit Brand 36% Cottonseed Meal	G. 36.00	5.00	40.00	....	....	15.00	
L. B. Lovitt and Co.	F. 35.07	6.16	46.39	5.91	6.47	....	
Memphis, Tenn.							
Cottonseed Meal, White Mule Brand	G. 36.00	5.00	28.50	....	....	14.00	
Marianna Sales Co.	F. 36.60	6.85	43.44	6.36	6.75	....	
Memphis, Tenn.							

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hy-drates	Ash	Moist-ure	Crude Fiber	
Durham Thirty-Six Cottonseed Meal	G. 36.00	5.00	28.50	....	....	14.00	
Memphis Cottonseed Products Co. ..... Memphis, Tenn.	F. 36.86	6.66	42.56	5.33	8.59	....	
Triangle Brand Cottonseed Meal	G. 36.00	5.00	28.50	....	....	14.00	
R. N. Neal and Co. ..... Memphis, Tenn.	F. 37.99	6.32	40.83	6.07	8.79	....	
41% COTTONSEED MEAL							
Dixie Brand Choice-Prime Cottonseed Meal	G. 41.12	5.00	26.00	....	....	10.00	
Humphreys-Godwin Co. ..... Memphis, Tenn.	F. 41.67	7.26	39.35	6.14	5.58	....	
Durham Forty-One Prime Cottonseed Meal	G. 41.00	6.00	26.00	....	....	10.00	
Memphis Cottonseed Products Co. ..... Memphis Tenn.	F. 40.67	6.60	38.98	6.74	7.01	....	
Triangle Brand Cottonseed Meal	G. 41.00	6.00	26.00	....	....	10.00	
R. N. Neal and Co. ..... Memphis, Tenn.	F. 41.00	6.95	38.84	6.19	7.02	....	
43% COTTONSEED MEAL							
Premier Choice Cottonseed Meal	G. 43.00	6.00	18.00	....	....	10.00	
E. T. Allen Co. ..... Atlanta, Ga.	F. *42.21*	6.67	37.25	7.61	6.26	....	
Bull Brand Cottonseed Meal	G. 43.00	5.00	26.00	....	....	10.00	
Humphreys-Godwin Co. ..... Memphis, Tenn.	F. *39.80*	7.72	38.51	6.63	7.34	....	

International Rainbow 43% Cottonseed Meal	G. 43.00	5.00	30.00	....	....	14.00	
International Agricultural Corp. Columbus, Ga.	F. *39.54*	6.71	37.98	6.54	9.23	....	
Prime Cottonseed Meal, White Mule Brand	G. 43.00	6.00	25.00	....	....	10.00	
Marianna Sales Co. Memphis, Tenn.	F. 43.00	6.07	36.62	6.43	7.88	....	
Durham Forty-Three Cottonseed Meal	G. 43.00	6.00	25.00	....	....	10.00	
Memphis Cottonseed Products Co. Memphis, Tenn.	F. 42.64	7.57	35.87	7.54	6.38	....	
DAIRY FEED							
Amco 20% Batch Mix	G. 20.00	4.00	50.00	....	....	9.50	Corn gluten feed, cottonseed meal, malt grains, hominy feed, corn meal, wheat bran, corn bran, rye middlings.
American Milling Co. Peoria, Ill.	F. 20.58	4.65	59.51	5.45	9.81	8.17	
Amco 24% Batch Mix	G. 24.00	4.50	....	....	....	9.50	Corn gluten feed, malt grains, cottonseed meal, hominy feed, corn meal, wheat bran, rye middlings.
American Milling Co. Peoria, Ill.	F. 24.56	5.06	54.29	5.94	10.15	8.69	
Amco 12% Fitting Ration	G. 12.00	4.50	55.00	....	....	9.00	Old process linseed meal, wheat middlings, wheat bran, oats, hominy feed, molasses, bone meal, limestone, salt.
American Milling Co. Peoria, Ill.	F. 14.01	*4.03*	63.44	6.90	11.62	6.66	
Amco Flexible 20% Formula Dairy Ration	G. 20.00	4.00	45.00	....	....	9.00	Corn gluten feed, corn gluten meal, old process linseed meal, wheat bran, hominy feed, corn meal, rye middlings, molasses, bone meal, limestone, salt, cottonseed meal.
American Milling Co. Peoria, Ill.	F. *19.05*	*3.21*	58.93	7.01	11.80	6.11	
Amco Flexible 24% Formula Dairy Ration	G. 24.00	4.00	45.00	....	....	9.00	Corn gluten feed, corn gluten meal, cottonseed meal, soy bean meal, old process linseed meal, wheat bran, hominy feed, corn meal, malt grains, molasses, bone meal, limestone, salt.
American Milling Co. Peoria, Ill.	F. 22.77	*3.43*	55.96	6.87	10.97	6.49	

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hy-drates	Ash	Moist-ure	Crude Fiber	
Amco 20% National Dairy Ration	G. 20.00	4.50	48.00	....	....	9.00	Corn, distillers' dried grains, cotttonseed meal, corn gluten feed, peanut meal, oats, wheat bran, hominy feed, corn meal, molasses, bone meal, limestone, salt, old process linseed meal.
American Milling Co. Peoria, Ill.	F. 21.89	4.68	56.21	6.79	10.43	7.59	
Amco 32% Supplement Dairy Ration	G. 32.00	4.50	45.00	....	....	9.00	Corn gluten feed, corn gluten meal, cottonseed meal, old process linseed meal, soy bean meal, peanut meal, wheat bran, molasses, bone meal, limestone.
American Milling Co. Peoria, Ill.	F. 32.66	4.50	47.16	6.66	9.02	7.47	
Amco 24% Universal Dairy Ration	G. 24.00	5.00	45.00	....	....	9.00	Corn, distillers' dried grains, peanut meal, cottonseed meal, old process linseed meal, corn gluten feed, wheat bran, oats, hominy feed, molasses, bone meal, limestone, salt.
American Milling Co. Peoria, Ill.	F. 24.46	*4.52*	53.23	7.24	10.55	8.34	
Bailey's Open Formula 20 Dairy Feed	G. 20.00	4.50	48.00	....	....	9.00	Gluten feed, yellow hominy, old process linseed meal, oats, wheat bran, cottonseed meal, corn, distillers' grains, wheat middlings, molasses, bone meal, calcium carbonate, salt.
E. W. Bailey and Co. Montpelier, Vt.	F. *19.26*	*4.23*	55.51	12.06	8.94	8.46	
Bailey's Open Formula 24 Dairy Feed	G. 24.00	4.50	44.00	....	....	9.00	Gluten feed, hominy feed, old process linseed meal, oats, wheat bran, cottonseed meal, corn distillers' grains, wheat middlings, molasses, bone meal, calcium carbonate, salt.
E. W. Bailey and Co. Montpelier, Vt.	F. 23.86	5.13	52.23	9.17	9.61	8.33	
Capitol Dairy Ration	G. 24.00	5.00	55.00	....	....	9.00	Corn gluten feed, linseed meal, hominy feed, cottonseed meal, oats, wheat bran, corn meal, ½% salt.
E. W. Bailey and Co. Swanton, Vt.	F. 24.52	4.77	56.67	4.71	9.33	7.44	
Favorite Dairy Ration	G. 20.00	4.50	55.00	....	....	7.50	White hominy feed, cottonseed meal, linseed meal, corn meal, oats, wheat bran, corn gluten feed, wheat middlings.
E. W. Bailey and Co. Swanton, Vt.	F. 21.67	*4.24*	60.35	4.65	9.09	7.22	

"Our Own" Dairy Ration E. W. Bailey and Co. Swanton, Vt.	G. 16.00 F. 16.28	5.00 5.35	60.00 64.40	.... 5.03	.... 8.94	9.00 8.24	Corn gluten feed, linseed meal, hominy feed, cottonseed meal, oats, wheat bran, ½% salt.
Auburn Brand Auburn Dairy Feed Beacon Milling Co. Cayuga, N. Y.	G. 20.00 F. 20.00	4.50 4.86	45.00 58.74	.... 5.58	.... 10.82	10.00 6.99	Corn gluten feed, old process linseed meal, oats, corn meal, grain screenings, cottonseed meal, wheat bran, molasses, 1% salt, 1% calcium phosphate.
Beacon "20" Beacon Milling Co. Cayuga, N. Y.	G. 20.00 F. 20.00	5.00 4.57	50.00 59.14	.... 6.02	.... 10.27	9.00 8.74	Old process linseed meal, cottonseed meal, corn gluten feed, corn gluten meal, corn meal, wheat bran, alfalfa meal, cocoanut oil cake meal, oats, barley, 1% salt, 1% calcium phosphate, 1% calcium carbonate.
Beacon Dairy Ration Beacon Milling Co. Cayuga, N. Y	G. 24.00 F. 23.29	5.00 5.18	46.00 54.18	.... 6.58	.... 10.77	10.00 8.27	Cottonseed meal, old process linseed meal, corn gluten feed, cocoanut oil cake meal, barley, hominy feed, corn meal or corn feed meal, alfalfa meal, wheat bran, wheat middlings, corn gluten meal, 1% calcium carbonate, 1% salt.
Belknap Dairy Feed Belknap County Farmers Exchange Laconia, N. H.	G. 20.00 F. 21.41	5.00 5.00	55.00 57.15	.... 6.23	.... 10.21	12.00 8.69	Corn gluten feed, cottonseed meal, wheat bran with screenings, hominy, oat meal by-products, molasses, cocoa shell meal, oats, brewers' grains, calcium carbonate, salt.
Green Mountain Dairy Ration Caledonia Mills, Inc. St. Johnsbury, Vt.	G. 23.00 F. 23.74	5.00 5.06	50.00 56.78	.... 4.74	.... 9.68	10.00 8.75	Cottonseed meal, wheat bran, oats, barley, gluten feed, hominy, linseed meal.
Unicorn Dairy Ration Chapin and Co. Hammond, Ind.	G. 24.00 F. 24.12	5.00 5.26	50.00 62.95	.... 8.31	.... 9.36	10.00 8.68	Cottonseed meal, corn gluten feed, corn gluten meal, linseed meal, brewers' grains, corn oil meal, wheat bran, hominy meal, calcium carbonate, bone, charcoal, salt.
Chase Dairy Ration Cheshire County Farmers Exchange Keene, N. H.	G. 17.00 F. 18.43	4.50 4.27	50.00 62.94	.... 3.43	.... 10.93	9.00 6.11	Cottonseed meal, corn meal, wheat bran, oats, gluten feed, linseed meal, 1% salt.

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Crosby's 22% Dairy Feed Crosby Milling Co. Brattleboro, Vt.	G. 22.00 F. 22.46	4.00 4.66	44.00 56.58	.... 7.42	.... 8.88	14.00 12.13	Cottonseed meal, linseed meal, corn gluten meal, corn gluten feed, oat middlings, oat shorts, oat hulls, wheat bran, wheat middlings, bone meal, salt.
Champion Dairy Ration G. B. Currier Co. Colebrook, N. H.	G. 24.00 F. *23.47*	5.00 5.29	50.00 55.00	.... 5.60	.... 10.64	11.00 7.89	Wheat bran, cottonseed meal, gluten feed, gluten meal, linseed meal, oats, corn meal or hominy, brewers' dried grains, distillers' grains, wheat middlings, ¾% salt, bone meal.
Cushing's Open Formula 20% Dairy Feed J. Cushing Co. Fitchburg, Mass.	G. 20.00 F. *19.18*	4.50 4.54	53.00 60.70	.... 5.53	.... 10.05	9.00 8.48	Hominy feed, wheat bran, oats, old process linseed meal, corn gluten feed, cottonseed meal, brewers' dried grains, molasses, bone meal, calcium carbonate, salt.
Dairy Feed 20% J. Cushing Co. Fitchburg, Mass.	G. 20.00 F. 20.28	4.00 4.78	53.00 58.25	.... 5.82	.... 10.87	10.00 9.57	Wheat bran, cottonseed meal, gluten feed, cocoanut oil meal, molasses, corn gluten meal, wheat middlings, brewers' dried grains, old process linseed meal, wheat screenings, ½% calcium carbonate, ½% salt.
Dairy Feed 24% J. Cushing Co. Fitchburg, Mass.	G. 24.00 F. 24.32	4.00 5.17	53.00 54.07	.... 6.01	.... 10.43	10.00 10.13	Wheat bran, cottonseed meal, cocoanut oil meal, wheat middlings, molasses, corn gluten feed, corn gluten meal, brewers' dried grains, old process linseed meal, wheat screenings, ½% calcium carbonate, ½% salt.
Vigor Dairy Feed J. Cushing Co. Fitchburg, Mass.	G. 16.00 F. 16.61	3.00 5.08	45.00 61.21	.... 7.26	.... 9.84	11.00 14.78	Cottonseed meal, cocoanut oil meal, molasses, corn gluten feed, brewers' dried grains, old process linseed meal, oat middlings, oat hulls, oat shorts, wheat screenings, ½% calcium carbonate, ½% salt.

Wood's Dairy Feed Derry Farmers' Exchange Derry, N. H.	G. 20.00 F. 22.94	4.40 4.97	55.00 57.49	.... 4.59	.... 10.01	10.00 8.79	Gluten, cottonseed meal, linseed meal, oats, corn meal, wheat bran and wheat middlings with screenings not exceeding mill run, ½% salt.
Dunbar's Dairy Ration W. E. Dunbar Sons Manchester, N. H.	G. 22.00 F. 25.30	4.50 4.65	48.00 53.98	.... 6.31	.... 9.76	10.00 9.56	Wheat bran, linseed meal, brewers' dried grains, oats, hominy, gluten meal, bone meal, charcoal, calcium carbonate, salt, cottonseed meal.
Eastern's 20% Dairy Feed Eastern Grain Co. Portland, Me.	G. 20.00 F. 20.67	4.00 4.71	53.00 59.09	.... 5.75	.... 9.78	11.00 9.21	Wheat bran, corn gluten feed, wheat middlings, dried brewers' grains, cane molasses, cottonseed meal, cocoanut oil meal, old process linseed meal, wheat screenings, ½% calcium carbonate, ½% salt.
Eastern's 24 Dairy Feed Eastern Grain Co. Portland, Me.	G. 24.00 F. 24.43	4.00 4.67	53.00 54.71	.... 6.46	.... 9.73	11.00 8.33	Wheat bran, wheat middlings, corn gluten feed, brewers' grains, cocoanut oil meal, cottonseed meal, old process linseed meal, molasses, corn feed meal, oats, screenings, ½% bone meal, ½% calcium carbonate, ½% salt.
Eastern States Fitting Ration Eastern States Farmers' Exchange Springfield, Mass.	G. 12.00 F. 13.53	3.50 4.57	61.00 62.68	.... 6.49	.... 12.73	7.00 6.92	Wheat bran, oats, corn meal, hominy, old process linseed meal, molasses, wheat middlings, bone meal, calcium carbonate, salt.
Eastern States Fulpail Dairy Ration Eastern States Farmers' Exchange Springfield, Mass.	G. 20.00 F. 20.05	4.00 4.69	54.00 57.47	.... 7.11	.... 10.68	8.00 8.31	Corn gluten feed, hominy old process linseed meal, oats, wheat bran, cottonseed meal, corn, distillers' dried grains, wheat middlings, molasses, bone meal, calcium carbonate, salt.
Eastern States Milkmore Dairy Ration Eastern States Farmers' Exchange Springfield, Mass.	G. 24.00 F. 23.71	4.50 4.77	51.00 52.36	.... 9.14	.... 10.02	8.00 8.22	Corn gluten feed, old process linseed meal, cottonseed meal, hominy, distillers' dried grains, wheat bran, wheat middlings, oats, molasses, bone meal, salt, calcium carbonate.

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Elmore Milk Grains	G. 25.00	5.00	....	....	....	11.00	Distillers' grains, old process linseed meal, corn meal or hominy feed, malt sprouts, corn gluten feed, cottonseed meal, dried brewers' grains, calcium carbonate, salt, wheat bran.
Elmore Milling Co. Oneonta, N. Y.	F. 26.05	5.02	53.78	5.68	9.47	9.41	
Emco Feed	G. 22.00	5.00	....	....	....	10.00	Brewers' grains, wheat bran, wheat middlings, linseed meal, beet pulp, corn gluten feed, corn meal or hominy feed, cottonseed meal, calcium carbonate, salt.
Elmore Milling Co. Oneonta, N. Y.	F. 21.32	5.33	58.55	4.32	10.48	9.68	
Eshelman's Conestoga 18 Dairy Feed	G. 18.00	3.50	50.00	....	....	11.00	Wheat bran, wheat middlings, corn gluten feed, dried brewers' grains, molasses, cottonseed meal, cocoanut oil meal, old process linseed meal, oat middlings, oat hulls, oat shorts, wheat screenings, ½% bone meal, ½% calcium carbonate, ½% salt.
John W. Eshelman and Sons Lancaster, Pa.	F. 18.04	5.52	56.86	8.31	11.27	10.46	
Eshelman's Lancaster 20 Dairy Feed	G. 20.00	4.00	53.00	....	....	11.00	Wheat bran, corn gluten feed, wheat middlings, dried brewers' grains, molasses, cottonseed meal, cocoanut oil meal, old process linseed meal, wheat screenings, ½% calcium carbonate, ½% salt.
John W. Eshelman and Sons Lancaster, Pa.	F. 20.31	5.03	57.63	6.96	10.07	10.24	
Eshelman's Pennsy 16 Dairy Feed	G. 16.00	3.00	45.00	....	....	11.00	Corn gluten feed, brewers' grains, cottonseed meal, molasses, cocoanut meal, old process linseed meal, wheat middlings, wheat bran, oat middlings, oat hulls, oat shorts, wheat screenings, ½% bone meal, ½% calcium carbonate, ½% salt.
John W. Eshelman and Sons Lancaster, Pa.	F. 18.65	4.46	56.94	8.79	11.16	10.85	

Eshelman's Red Rose 24 Dairy Feed ..	G. 24.00	4.00	53.00	....	....	11.00	Wheat bran, wheat middlings, corn gluten feed, dried brewers' grains, cocoanut oil meal, cottonseed meal, old process linseed meal, molasses, corn feed meal, oats, wheat screenings, ½% bone meal, ½% calcium carbonate, ½% salt.
John W. Eshelman and Sons	F. 23.21	4.36	55.69	6.52	10.22	9.06	
Jamestown, N. Y.							
Grandin's Milk Maker	G. 20.00	5.00	50.00	....	....	12.00	Linseed meal, cottonseed meal, cocoanut oil meal, corn gluten feed, wheat bran, wheat middlings, corn meal, corn feed meal, hominy feed, beet pulp, ½% salt, screenings not exceeding mill run.
D. H. Grandin Milling Co.	F. 20.97	5.54	57.53	5.64	10.32	8.83	
Jamestown, N. Y.							
Grandin's Twin Six Dairy Feed	G. 22.00	5.00	50.00	....	....	12.00	Linseed meal, cottonseed meal, cocoanut oil meal, corn gluten feed, wheat bran, wheat middlings, corn meal, corn feed meal, hominy feed, alfalfa meal, ½% salt, screenings not exceeding mill run.
D. H. Grandin Milling Co.	F. 22.00	5.26	57.12	5.29	10.33	8.51	
Jamestown, N. Y.							
No. 1 Balanced Ration	G. 21.00	4.00	....	....	....	....	Wheat bran, wheat middlings, cottonseed meal, gluten feed, gluten meal, linseed meal, brewers' grains, corn, oats, bone meal, calcium carbonate, salt.
A. H. Hill	F. 20.58	5.73	52.71	9.64	11.34	7.85	
Lebanon, N. H.							
Our New Dairy Feed	G. 22.00	5.00	54.00	....	....	8.50	Bran, cottonseed meal, gluten feed, linseed meal, corn, oats, salt.
H. G. Holton Co.	F. 22.11	4.78	54.37	5.38	13.36	9.03	
Lancaster, N. H.							
Dana's Dairy Feed	G. 24.00	6.00	50.00	....	....	9.00	Gluten feed, corn meal or hominy, old process linseed meal, wheat bran, cottonseed meal, brewers' grains, molasses, oat meal by-products, calcium carbonate, salt.
E. C. and W. L. Hopkins	F. 24.82	4.30	56.51	6.13	8.24	8.35	
Greenfield, N. H.							
24% Premium Ration	G. 24.00	3.50	48.00	....	....	12.00	Gluten feed, corn meal or hominy, old process linseed meal, wheat bran, cottonseed meal, dried brewers' grains, molasses, oat meal by-products, calcium carbonate, salt.
E. C. and W. L. Hopkins	F. 25.10	4.43	55.39	6.32	8.76	8.23	
Greenfield, N. H.							
International Ready Ration	G. 20.00	5.00	55.50	....	....	11.50	Old process linseed meal, cottonseed meal, corn gluten feed, wheat bran, molasses, flax screenings, wheat, oats, barley, salt, calcium carbonate, bone meal.
International Sugar Feed Co.	F. 22.64	5.62	52.39	8.45	10.90	10.25	
Minneapolis, Minn.							

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
International Special Dairy Feed International Sugar Feed Co. Minneapolis, Minn.	G. 15.00 F. 15.00	4.50 6.87	59.00 58.75	.... 8.87	.... 10.51	12.00 11.55	Old process linseed meal, cottonseed meal, corn gluten feed, wheat bran, molasses, flax screenings, wheat, oats, barley, bone meal, salt.
Beatsall Milk Grains Kasco Mills Inc. Waverly, N. Y.	G. 22.00 F. *21.02*	4.50 4.97	50.00 58.59	.... 5.57	.... 9.85	10.00 8.25	Wheat middlings, wheat bran, linseed meal, corn gluten feed, cottonseed meal, hominy feed, ¾% salt, beet pulp.
Kimball's Special Dairy Feed Kimball Grain Elevator Salem, N. H.	G. 21.00 F. *19.10*	5.00 *4.75*	60.00 58.39	.... 5.67	.... 12.09	7.00 7.40	Gluten meal, gluten feed, corn meal, cottonseed meal, oats, wheat bran, old process linseed meal, salt.
Larro, The Ready Ration Larrowe Milling Co. Detroit, Mich.	G. 20.00 F. 20.60	4.00 4.11	59.00 59.06	.... 5.90	.... 10.33	12.00 10.79	Cottonseed meal, corn gluten feed, old process linseed meal, wheat bran, wheat middlings, beet pulp, ¾% salt.
B-B Marmico 16% Dairy Feed with Molasses Maritime Milling Co. Buffalo, N. Y.	G. 16.00 F. *15.41*	4.00 3.86	.... 62.21	.... 6.86	.... 11.66	12.00 14.00	Corn gluten feed, cottonseed meal, linseed meal, brewers' dried grains, wheat bran, oat hulls, oat shorts, oat middlings, molasses, screenings, calcium carbonate, bone meal, salt.
Bull Brand B-B Dairy Ration Maritime Milling Co. Buffalo, N. Y.	G. 24.00 F. 25.09	6.00 *5.27*	.... 54.00	.... 6.18	.... 9.46	12.00 10.12	Dried brewers' grains, dried malt grains, linseed meal, cottonseed meal, corn gluten feed, hominy feed, cocoanut oil meal, wheat bran, wheat middlings, screenings not exceeding mill run, calcium carbonate, bone meal, salt.
Merrimack Dairy Ration Merrimack Farmers' Exchange Concord, N. H.	G. 20.00 F. 21.14	5.00 *4.36*	50.00 56.35	.... 7.66	.... 10.49	10.00 8.67	Corn gluten feed, linseed meal, cottonseed meal, corn meal, wheat bran, wheat middlings, not exceeding mill run of screenings, oats, ¾% salt, 3% calcium carbonate, 1% bone meal.

Merrimack Sweetened Milk-Ration	G. 20.00	4.50	53.00	....	....	8.50	Corn gluten meal, corn gluten feed, old process linseed meal, cotonseed meal, brewers' dried grains, corn meal, hominy feed, oats, wheat bran, wheat middlings, molasses, bone meal, calcium carbonate, salt.
Merrimack Farmers' Exchange	F. 20.49	4.95	55.80	7.65	11.11	7.32	
Concord, N. H.							
Noyes' Dairy Feed	G. 22.00	4.50	56.00	....	....	9.00	Cottonseed meal, old process linseed meal, hominy feed or corn meal, oats, wheat bran, gluten feed, 1% salt, bone meal.
D. A. Noyes and Son	F. 22.37	4.80	55.81	5.96	11.06	7.87	
Colebrook, N. H.							
Bet-R-Milk 20% Ration	G. 20.00	4.00	50.00	....	....	9.00	Corn gluten feed, linseed meal, cottonseed meal, malt sprouts, wheat bran, wheat middlings, mill run screenings, hominy feed, fish meal, molasses, calcium carbonate, salt.
Park and Pollard Co.	F. 20.09	4.21	56.46	8.28	10.96	8.64	
Boston, Mass.							
Herdhelth Ration	G. 16.00	4.00	50.00	....	....	12.00	Linseed meal, cottonseed meal, grain screenings, alfalfa, fish, molasses, calcium carbonate, salt.
Park and Pollard Co.	F. 17.80	*3.68*	58.05	8.91	11.56	9.43	
Boston, Mass.							
Milk-Maid Dairy Ration	G. 24.00	4.50	50.00	....	....	11.00	Corn gluten feed, linseed meal, cottonseed meal, distillers' dried grains, wheat bran, mill run screenings, brewers' dried grains, malt sprouts, corn gluten meal, copra oil meal, oats, barley, corn meal, fish meal, molasses, calcium carbonate, salt.
Park and Pollard Co.	F. 24.32	4.85	51.23	8.78	10.82	8.48	
Boston, Mass.							
Steven's 44 Sweetened Dairy Ration	G. 24.00	5.00	40.00	....	....	12.00	Linseed meal, cottonseed meal, corn gluten feed, corn gluten meal, cocoanut oil meal, corn distillers' dried grains, malt sprouts, wheat bran with mill run screenings, brewers' dried grains, corn meal, oats, molasses, calcium carbonate, salt, barley.
Park and Pollard Co.	F. 24.69	4.82	54.00	7.71	8.78	7.44	
Boston, Mass.							
Peel's Dairy Feed	G. 20.00	5.00	55.00	....	....	12.00	Corn gluten feed, cottonseed meal, old process linseed meal, wheat bran with screenings, hominy, oat hulls, oat shorts, oat middlings, molasses, cocoa shell meal, oats, brewers' grains, calcium carbonate, salt.
William F. Peel	F. 21.32	*4.53*	58.63	6.21	9.31	8.73	
Nashua, N. H.							

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Pillsbury's Dairy Ration Pillsbury Flour Mills Co. Minneapolis, Minn.	G. 20.00 F. 20.75	5.00 5.13	60.00 57.42	.... 7.12	.... 9.58	10.00 8.43	Linseed meal, corn gluten feed, cottonseed meal, hominy feed, dried beet pulp, wheat bran, wheat middlings, mill run screenings, calcium carbonate, salt.
A. D. P. 20% Dairy Ration W. N. Potter and Sons Greenfield, Mass.	G. 20.00 F. 20.05	4.00 4.58	50.00 58.53	.... 7.00	.... 9.84	10.00 6.03	Corn, hominy, cottonseed meal, corn gluten feed, wheat bran, oats, linseed meal, calcium carbonate, bone meal, salt.
A. D. P. 24% Dairy Ration W. N. Potter and Sons Greenfield, Mass.	G. 24.00 F. 25.30	4.00 4.33	52.00 54.53	.... 6.53	.... 9.31	9.00 7.26	Corn, hominy, cottonseed meal, wheat bran, linseed meal, corn gluten meal, oats, bone meal, calcium carbonate, salt.
Puritan 24% Dairy Ration W. N. Potter and Sons Greenfield, Mass.	G. 24.00 F. 23.34	4.50 4.52	45.00 55.50	.... 7.14	.... 9.50	10.00 8.42	Gluten feed, gluten meal, linseed meal, brewers' grains, cottonseed meal, wheat bran, wheat middlings, hominy, oats, molasses, calcium carbonate, bone meal salt.
Boss 24% Dary Ration Quaker Oats Co. Chicago, Ill.	G. 24.00 F. 24.17	4.00 4.72	55.50 55.80	.... 6.42	.... 8.89	10.50 9.18	Hominy feed, cottonseed meal, corn gluten feed, linseed meal, wheat bran, wheat middlings, screenings not exceeding mill run, oat hulls, oat shorts, oat middlings, ¾% salt, 1% calcium carbonate, 1% bone meal, molasses.
Purina Blue Checker Cow Chow Ralston Purina Co. St. Louis, Mo.	G. 20.00 F. 20.19	3.00 3.68	57.00 58.97	.... 6.94	.... 10.22	12.00 11.88	Linseed meal, gluten feed, hominy feed, corn feed meal, molasses, cottonseed meal, alfalfa, wheat middlings, salt.
Purina Bulky-Las Feed Ralston Purina Co. St. Louis, Mo.	G. 9.00 F. 8.80	2.00 2.25	62.00 70.02	.... 7.19	.... 11.74	15.00 15.49	Alfalfa, wheat bran, beet pulp, screenings, molasses, 1% salt.
Purina Cow Chow Ralston Purina Co. St. Louis, Mo.	G. 24.00 F. 25.16	4.00 4.13	53.00 54.16	.... 6.28	.... 10.27	12.00 12.62	Linseed meal, gluten feed, hominy feed, corn feed meal, molasses, cottonseed meal, alfalfa, wheat middlings, 1% salt.

Purina Special 34% Cow Chow Ralston Purina Co. St. Louis, Mo.	G. 34.00 F. *31.36*	3.50 5.83	44.00 46.08	.... 7.32	.... 9.41	12.00 9.89	Linseed meal, gluten meal, cottonseed meal, alfalfa, molasses, salt.
S-Co. Quality Dairy Ration F. S. Sleeper and Co. North Haverhill, N. H.	G. 22.00 F. 23.91	4.50 5.28	55.00 52.48	.... 7.50	.... 10.83	9.00 8.33	Corn gluten feed, cottonseed meal, old process linseed meal, oats, corn, wheat bran, bone meal, salt.
Fitting Ration Frank Smith Co. Lancaster, N. H.	G. 18.00 F. 18.87	3.75 4.29	45.00 59.06	.... 4.76	.... 13.02	10.00 6.81	Corn meal, oats, linseed meal, molasses, salt.
Fsco Dairy Feed Frank Smith Co. Lancaster, N. H.	G. 21.00 F. 22.77	4.00 4.19	45.00 56.93	.... 5.51	.... 10.60	9.00 8.05	Wheat feed, corn meal, oats, old process linseed meal, gluten feed, cottonseed meal, gluten meal, molasses, calcium carbonate, salt.
Mixture F. B. Spaulding Co. Lancaster, N. H.	G. 17.50 F. 18.69	3.50 4.17	50.00 59.89	.... 5.33	.... 11.92	11.00 11.77	Wheat bran, oats, corn meal, cottonseed feed, corn gluten feed, old process linseed meal, limestone, salt.
Hygrade Milk Ration Sweetened St. Albans Grain Co. St. Albans, Vt.	G. 20.00 F. 20.47	4.50 4.29	53.00 55.85	.... 8.47	.... 10.92	8.50 7.66	Old process linseed meal, cottonseed meal, brewers' dried grains, corn gluten meal, corn gluten feed, corn meal, hominy feed, oats, wheat bran, wheat middlings, molasses, bone meal, calcium carbonate, salt.
Paragon Dairy Feed St. Albans Grain Co. St. Albans, Vt.	G. 22.00 F. 22.94	4.00 4.77	50.00 56.77	.... 6.21	.... 9.31	12.00 12.00	Cottonseed meal, linseed meal, corn gluten meal, corn gluten feed, corn meal, oat middlings, oat shorts, oat hulls, wheat bran, wheat middlings, screenings not exceeding mill run, bone meal, salt.
Paragon Dairy Feed Sweetened St. Albans Grain Co. St. Albans, Vt.	G. 22.00 F. 22.04	4.00 4.28	50.00 52.93	.... 10.81	.... 9.94	12.00 10.23	Cottonseed meal, old process linseed meal, gluten meal, gluten feed, corn meal, brewers' dried grains, oat middlings, oat hulls, oat shorts, wheat bran, wheat middlings, bone meal, calcium carbonate, molasses, salt.

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Union Grains Biles Ready Dairy Ration..	G. 24.00	5.00	50.00	....	....	10.00	Corn distillers' dried grains, cottonseed meal, old process linseed meal, wheat middlings, wheat bran, hominy meal, corn gluten feed, brewers' dried grains, ½% salt.
Ubiko Milling Co.	F. *22.25*	5.07	57.78	6.81	8.09	8.19	
Cincinnati, Ohio							
Wirthmore 16 Summer Ration	G. 16.00	4.00	60.00	....	....	8.50	Corn gluten meal, corn gluten feed, corn meal, hominy meal, oats, wheat bran, wheat middlings, cottonseed meal, bone meal, calcium carbonate, salt, molasses.
St. Albans Grain Co.	F. 16.11	3.94	60.66	8.92	10.37	7.58	
St. Albans, Vt.							
Wirthmore 20 Dairy Feed	G. 20.00	5.00	59.00	....	....	9.00	Corn gluten meal, corn distillers' dried grains, old process linseed meal, brewers' dried grains, cottonseed meal, corn gluten feed, hominy meal, corn meal, oats, wheat middlings, wheat bran, bone meal, salt.
St. Albans Grain Co.	F. 21.69	5.00	57.35	5.39	10.57	7.73	
St. Albans, Vt.							
Wirthmore 25% Balanced Ration	G. 25.00	5.50	55.00	....	....	9.00	Corn gluten meal, corn gluten feed, corn distillers' dried grains, brewers' dried drains, old process linseed meal, cottonseed meal, hominy meal, corn meal, wheat middlings, wheat bran, bone meal, salt.
St. Albans Grain Co.	F. 25.00	5.43	53.65	5.93	9.99	8.26	
St. Albans, Vt.							
Wirthmore 25% Sweetened Balanced Ration	G. 25.00	5.50	55.00	....	....	9.00	Corn gluten meal, corn distillers' dried grains, old process linseed meal, corn gluten feed, brewers' dried grains, cottonseed meal, wheat middlings, hominy meal, corn meal, wheat bran, bone meal, salt, cane molasses.
St. Albans Grain Co.	F. *23.60*	*4.91*	54.44	6.42	10.63	7.49	
St. Albans, Vt.							
Stratton White Clover Dairy Feed	G. 24.00	4.50	44.00	....	....	9.00	Gluten feed, hominy feed, old process linseed meal, oats, wheat bran, cottonseed meal, corn distillers' grains, wheat middlings, cane molasses, bone meal, calcium carbonate, salt.
Stratton and Co.	F. 23.64	4.26	53.94	9.51	8.65	8.06	
Concord, N. H.							

Stratton's White Clover Dairy 20% Ration	G. 20.00	4.50	48.00	....	....	9.00	Gluten feed, yellow hominy, old process linseed meal, oats, wheat bran, cottonseed meal corn distillers' grains, wheat middlings, molasses, bone meal, calcium carbonate, salt.
Stratton and Co. Concord, N. H.	F. 20.22	4.50	54.34	10.99	9.95	10.26	
Vitality Dairy Feed 20% with molasses.	G. 20.00	4.00	50.00	....	....	9.00	Cottonseed meal, old process linseed meal, corn gluten feed, corn germ meal, wheat bran, wheat middlings, corn feed meal, oats, barley, molasses, ½% salt.
Vitality Mills Chicago, Ill.	F. 20.49	4.96	55.93	7.41	11.21	8.42	
Blue Seal "20" Dairy Ration	G. 20.00	4.50	48.00	....	....	9.00	Gluten feed, hominy, old process linseed meal, oats, bran, cottonseed meal, corn distillers' grains, wheat middlings, molasses, bone meal, calcium carbonate, salt.
H. K. Webster Co. Lawrence, Mass.	F. 22.02	5.40	56.03	5.17	11.38	7.59	
Blue Seal Improved Balanced Ration	G. 24.00	6.00	48.00	....	....	8.50	Gluten meal, hominy feed, old process linseed meal, oats, wheat bran, cottonseed meal, corn distillers' grains, malt sprouts, peanut middlings, molasses.
H. K. Webster Co. Lawrence, Mass.	F. 24.95	6.42	53.45	4.79	10.39	7.88	
Blue Seal Open Formula Dairy Feed	G. 24.00	4.50	44.00	....	....	9.00	Gluten feed, hominy feed, old process linseed meal, oats, wheat bran, cottonseed meal, corn distillers' grains, wheat middlings, molasses, bone meal, calcium carbonate, salt.
H. K. Webster Co. Lawrence, Mass.	F. 26.09	5.85	53.00	4.98	10.08	7.84	
Blue Seal Standard Dairy Feed	G. 20.00	5.50	50.00	....	....	8.50	Molasses, gluten meal, cottonseed meal, old process linseed meal, malt sprouts, peanut middlings, bran, hominy feed, oats.
H. K. Webster Co. Lawrence, Mass.	F. 20.92	6.02	56.35	4.61	12.10	7.84	
Rockingham Dairy Ration	G. 21.00	5.50	51.00	....	....	7.50	Oats, old process linseed meal, bran, cottonseed meal, gluten feed, corn meal, calcium carbonate, salt.
H. K. Webster Co. Lawrence, Mass.	F. 22.31	4.36	57.10	5.49	10.74	9.32	
XL Dairy Ration	G. 22.00	5.00	55.00	....	....	13.00	Gluten meal, old process linseed meal, cottonseed meal, malt sprouts, bran, oat feed, peanut middlings, molasses, toasted wheat feed, Oregon minerals.
H. K. Webster Co. Lawrence, Mass.	F. 23.16	4.78	56.74	5.44	9.88	12.16	

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
FISH MEAL							
Gorton's Codfish Meal Gorton-Pew Fisheries Co. Gloucester, Mass.	G. 50.00 F. 58.97	0.10 1.42	....	.... 32.79	.... 6.47	1.00	
Brighton Fish Scrap New England Rendering Co. Brighton, Mass.	G. 60.00 F. 63.78	3.00 1.79	....	.... 25.86	.... 7.61	....	
Pure Ground Fish Meal Chas. M. Struven Co. Baltimore, Md.	G. 55.00 F. 61.38	4.00 7.34	....	.... 17.93	.... 10.17	2.00	
GLUTEN FEED							
Cream of Corn Gluten Feed American Maize Products Co. New York City	G. 23.00 F. 29.82	2.00 2.33	58.50 56.23	.... 4.68	.... 6.94	8.50	
Clinton Corn Gluten Feed Clinton Corn Syrup Refining Co. Clinton, Iowa	G. 23.00 F. 25.04	2.00 2.59	57.00 59.32	.... 4.51	.... 8.54	8.50	
Buffalo Corn Gluten Feed Corn Products Refining Co. New York City	G. 23.00 F. 25.38	2.00 2.74	57.00 56.23	.... 6.66	.... 8.99	8.50	
Staley's Corn Gluten Feed A. E. Staley Mfg. Co. Decatur, Ill.	G. 23.00 F. 25.44	1.00 1.81	50.00 58.80	.... 5.24	.... 8.71	8.00	
Union Corn Gluten Feed Union Starch and Refining Co. Columbus, Ind.	G. 23.00 F. 25.57	2.00 2.24	.... 56.53	.... 6.36	.... 9.30	8.00	

GLUTEN MEAL							
Diamond Corn Gluten Meal Corn Products Refining Co. New York City	G. 40.00 F. 42.36	1.00 3.31	42.00 44.50	.... 1.16	.... 8.67	4.00	
HOG FEED							
Grandin's Hog Feed D. H. Grandin Milling Co. Jamestown, N. Y.	G. 18.00 F. 19.72	5.00 5.31	50.00 53.32	.... 11.79	.... 9.86	10.00 6.78	Linseed meal, cocoanut oil meal, wheat middlings, corn meal, corn feed meal, hominy feed, digester tankage, calcium carbonate, alfalfa meal, ½% salt, wheat screenings not exceeding mill run.
Larro Hog Feed Larrow Milling Co. Detroit, Mich.	G. 18.00 F. 19 11	5.00 5.53	58.00 58.64	.... 6.34	.... 10.38	10.00 8.51	Corn germ meal, linseed meal, hominy feed, meat scraps, alfalfa meal, wheat middlings, wheat bran, beet pulp, ½% salt.
Merrimack Pig Ration Merrimack Farmers Exchange Concord, N. H.	G. 17.00 F. 17.62	5.00 5.79	50.00 60.63	.... 5.85	.... 10.11	7.00 5.93	Wheat bran, red dog flour hominy, corn meal, meat scraps, fish meal, calcium carbonate, charcoal, salt.
HOMINY FEED							
Advance Hominy Feed Advance Milling Co. Chicago, Ill.	G. 10.00 F. 10.86	7.00 7.41	.... 65.95	.... 4.87	.... 10.91	5.00	
Homco Hominy Feed Decatur Milling Co. Decatur, Ill.	G. 10.00 F. 11.19	7.00 7.26	61.00 67.97	.... 2.41	.... 11.17	6.00	White corn.
Emco Hominy Feed Evans Milling Co. Indianapolis, Ind.	G. 10.00 F. 10.77	7.00 *5.47*	61.00 72.56	.... 2.88	.... 8.32	6.00	
Hominy Feed Forbes Bros. Central Mills Topeka, Kansas.	G. 10.00 F. *9.15*	7.00 *5.23*	66.00 71.03	.... 1.76	.... 12.83	6.00	
B. C. White Hominy Feed Kellogg Co. Battle Creek, Mich.	G. 10.00 F. 10.24	6.00 6.69	55.00 70.41	.... 2.25	.... 10.41	5.00	

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hy-drates	Ash	Moist-ure	Crude Fiber	
Hominy Feed Patent Cereals Co. Geneva, N. Y.	G. 10.00 F. 11.25	5.00 5.55	60.00 69.74	.... 2.43	.... 11.03	5.00	
Burt's Hominy Feed Postum Co. Battle Creek, Mich.	G. 10.00 F. 10.20	6.00 *4.93*	60.00 71.40	.... 2.08	.... 11.39	5.00	
Hominy Feed Quaker Oats Co. St. Joseph, Mo.	G. 10.00 F. 10.33	5.00 5.36	73.00 70.43	.... 2.12	.... 11.76	8.00	
Paragon Hominy Feed St. Albans Grain Co. St. Albans, Vt.	G. 10.00 F. 10.39	6.00 6.84	60.00 69.48	.... 3.00	.... 10.29	7.00	
HORSE FEED							
Beacon Special Horse Feed Beacon Milling Co. Cayuga, N. Y.	G. 11.50 F. *10.94*	3.00 3.13	65.00 69.30	.... 2.92	.... 13.71	5.00 5.43	Oats, corn, barley, old process linseed meal, wheat bran, 1% salt, 1% protozyme.
Co-Pro-Co Horse and Mule Feed Corn Products Refining Co. New York City	G. 9.00 F. 9.15	2.50 2.40	60.00 72.05	.... 5.14	.... 11.26	12.00 10.97	Corn, oats, molasses, alfalfa meal, salt.
Eastern States Horse Feed Eastern States Farmers' Exchange Springfield, Mass.	G. 12.00 F. *11.21*	3.50 4.17	66.00 67.05	.... 4.71	.... 12.86	7.00 5.93	Corn, oats, wheat bran, old process linseed meal, molasses, salt.
Eshelman's Thorobred Horse Feed John W. Eshelman and Sons Lancaster, Pa.	G. 9.00 F. 9.54	4.00 5.16	50.00 75.03	.... 2.34	.... 7.93	5.00 6.46	Oats.
Special Rosebro Horse Feed Vitality Mills Chicago, Ill.	G. 9.00 F. 9.41	2.00 3.31	48.00 71.54	.... 3.84	.... 11.90	11.00 8.31	Oats, corn, barley, old process linseed meal, alfalfa meal, molasses.

LINSEED MEAL						
Alinco Old Process Linseed Meal	G. 34.00	5.00	45.00	....	....	8.00
American Linseed Co. Buffalo, N. Y.	F. *32.49*	5.87	46.85	4.96	9.83	....
Pure Old Process Linseed Meal	G. 34.00	5.00	45.00	....	....	8.00
Archer-Daniels Midland Co. Minneapolis, Minn.	F. 34.91	5.34	45.66	4.91	9.18	....
Maple Leaf Linseed Oil Cake Meal	G. 37.00	5.00	....	....	....	7.00
Canada Linseed Oil Mills Ltd. Montreal, Canada	F. 38.35	5.24	41.93	4.76	9.72	....
Maple Leaf Linseed Oil Cake Meal	G. 35.00	5.00	....	....	....	7.00
Canada Linseed Oil Mills Ltd. Montreal, Canada	F. 36.38	6.24	41.35	4.77	11.26	....
Pure Old Process Linseed Oil Meal	G. 31.00	5.00	....	....	....	9.00
Kelloggs and Miller Amsterdam, N. Y.	F. 33.53	6.21	44.73	5.74	9.79	....
Pure Old Process Linseed Meal	G. 33.00	6.00	35.00	....	....	10.00
Mann Bros. Co. Buffalo, N. Y.	F. *32.36*	6.48	44.36	4.95	11.85	....
Kelloggs Pure Old Process Linseed Meal	G. 34.00	5.00	45.00	....	....	10.00
Spencer Kelloggs and Sons Buffalo, N. Y.	F. 35.94	6.20	42.13	4.74	10.99	....
MALT SPROUTS						
Malt Sprouts	G. 24.00	1.80	....	....	....	17.00
Wilkinson Grain Co. Ltd. Montreal, Canada	F. *22.20*	*1.36*	67.13	5.95	3.36	....
MEAT AND BONE SCRAP						
Capitol Meat and Bone Scrap	G. 45.00	6.00	....	....	....	3.00
American Agricultural Chemical Co. New York City	F. 45.00	8.52	....	31.46	8.23	....

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hy-drates	Ash	Moist-ure	Crude Fiber	
Protex Meat and Bone Scraps American Agricultural Chemical Co. New York City	G. 55.00 F. *54.16*	6.00 11.72	....	.... 22.94	.... 7.84	....	
Star Brand Pure Ground Beef Scraps Beach Soap Co. Lawrence, Mass.	G. 35.00 F. 41.06	10.00 12.11	....	.... 35.47	.... 7.56	....	
Burlington Meat and Bone Scraps Burlington Rendering Co. Burlington, Vt.	G. 45.00 F. 46.40	8.00 12.72	....	.... 31.77	.... 8.21	....	
Butcher's Special Meat Scraps Butcher's Rendering Co. Fall River, Mass.	G. 80.00 F. *61.09*	15.00 *11.52*	....	.... 19.78	.... 6.43	....	
Dow's Ground Beef Scraps John C. Dow Co. Boston, Mass.	G. 45.00 F. 45.38	10.00 12.35	....	.... 29.33	.... 7.99	....	
Dow's 50% Beef Scraps John C. Dow Co. Boston, Mass.	G. 50.00 F. *48.27*	10.00 9.89	....	.... 32.86	.... 6.33	....	
Dow's 60% Beef Scraps John C. Dow Co. Boston, Mass.	G. 60.00 F. *54.20*	10.00 12.45	....	.... 23.22	.... 7.23	....	
Meat and Bone Scraps W. D. Higgins Co. Framingham, Mass.	G. 45.00 F. 48.95	12.00 14.49	....	.... 27.49	.... 6.87	....	
Reardon's Meat and Bone Scraps John Reardon and Sons Cambridge, Mass.	G. 45.00 F. *43.91*	6.00 8.26	....	.... 39.24	.... 5.54	....	

Peerless Poultry Feed	G.	45.00	8.00	....	....	....	....
Lowell Rendering Co.	F.	*44.48*	9.28	....	33.14	8.67	....
Lowell, Mass.							
Perfection Poultry Feed	G.	55.00	8.00	....	....	....	....
Lowell Rendering Co.	F.	55.51	8.89	....	25.48	8.77	....
Lowell, Mass.							
Manchester Poultry Feed	G.	45.00	8.00	....	....	....	....
Manchester Rendering Co.	F.	50.35	10.10	....	29.02	6.87	....
Manchester, N. H.							
Manchester Special Poultry Feed	G.	50.00	8.00	....	....	....	....
Manchester Rendering Co.	F.	50.12	9.41	....	30.63	7.63	....
Manchester, N. H.							
Marsh's Pure Ground Scraps	G.	40.00	8.00	....	....	....	....
Geo. E. Marsh Co.	F.	40.94	12.80	....	35.20	5.24	....
Lynn, Mass.							
Brighton Meat Scraps	G.	60.00	10.00	....	....	....	....
New England Rendering Co.	F.	59.81	12.95	....	15.97	6.36	....
Brighton, Mass.							
Brighton Bull Meat Scraps	G.	45.00	8.00	....	....	....	....
New England Rendering Co.	F.	49.67	11.92	....	30.88	5.76	....
Brighton, Mass.							
Norton's High Grade Meat and Bone Poultry Food	G.	45.00	8.00	....	....	....	....
Norton Tallow Co.	F.	*44.35*	9.46	....	31.52	6.98	....
Somerville, Mass.							
Portland Poultry Feed	G.	50.00	12.00	....	....	....	....
Portland Rendering Co.	F.	*46.97*	*10.14*	....	33.69	5.76	....
Portland, Me.							
Reardon's Meat Scrap	G.	55.00	6.00	....	....	....	....
John Reardon and Sons Co.	F.	56.47	7.24	....	28.70	5.34	....
Cambridge, Mass.							
Red W. Brand Meat and Bone Scraps..	G.	50.00	6.00	....	....	....	3.00
Wilson and Co.	F.	50.30	11.91	....	29.08	5.82	....
Chicago, Ill.							

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
OAT PRODUCTS							
Re-Ground Oat Feed Hecker H-O Co. Buffalo, N. Y.	G. 5.00 F. 5.67	2.00 2.43	75.00 79.79	.... 5.95	.... 6.16	28.00	Oat middlings, oat shorts, oat hulls.
Go-Fer Brand Feeding Oat Meal Northern Oats Co. Minneapolis, Minn.	G. 14.00 F. 15.68	5.00 5.82	60.00 66.13	.... 2.26	.... 10.11	3.75	
Corno Feeding Oatmeal Three Minute Cereals Co. Cedar Rapids, Iowa	G. 15.50 F. 15.67	5.00 5.71	60.00 66.66	.... 2.43	.... 9.53	3.90	
Vim Feed Quaker Oats Co. Chicago, Ill.	G. 5.00 F. 6.09	2.00 2.70	75.00 76.55	.... 6.50	.... 8.16	28.00	Oat middlings, oat shorts, oat hulls.
POULTRY FEED							
Amco Egg Mash American Milling Co. Peoria, Ill.	G. 20.00 F. *19.32*	4.00 5.75	50.00 55.99	.... 8.49	.... 10.45	7.00 5.29	Meat scraps, wheat flour middlings, oats, corn meal, wheat middlings, wheat bran, salt.
Auburn Brand Auburn Laying Mash Beacon Milling Co. Cayuga, N. Y.	G. 18.00 F. 21.16	4.00 4.54	.... 54.87	.... 8.67	.... 10.76	8.00 7.83	Meat and bone scraps, fish meal, corn gluten feed, corn gluten meal, wheat middlings, wheat bran, corn meal, oats, barley, 1% calcium carbonate, 1% salt.
Beacon Breeders Mash Beacon Milling Co. Cayuga, N. Y.	G. 17.00 F. 18.74	4.00 4.95	47.00 55.95	.... 10.64	.... 9.72	7.00 6.96	Buttermilk, meat scrap, bone meal, alfalfa leaf meal, corn meal, oats, barley, corn gluten meal, wheat bran, wheat middlings, 1% charcoal, ½% salt, ½% sulphur, 1% protozyme.

Beacon Egg Mash Beacon Milling Co. Cayuga, N. Y.	G. 22.00 F. 21.61	4.50 4.64	47.00 51.68	.... 11.62	.... 10.45	7.00 6.59	Buttermilk, meat scraps, bone meal, fish meal, corn gluten meal, barley, oats, corn meal, alfalfa leaf meal, wheat bran, wheat middlings, 2% oyster shell meal, ½% salt, 1% protozyme.
Beacon Growing Mash Beacon Milling Co. Cayuga, N. Y.	G. 17.00 F. 17.71	4.50 5.05	50.00 56.31	.... 10.19	.... 10.74	7.00 6.08	Buttermilk, meat and bone scraps, bone meal, old process linseed meal, oats, barley, corn meal, wheat red dog, alfalfa leaf meal, wheat bran, wheat middlings, 1% calcium carbonate, ½% salt, 2% protozyme.
Cayuga Laying Mash Beacon Milling Co. Cayuga, N. Y.	G. 20.00 F. 20.29	4.00 5.80	50.00 52.68	.... 10.53	.... 10.70	7.00 6.88	Buttermilk, fish meal, meat and bone scraps, corn meal, alfalfa leaf meal, wheat bran, wheat middlings, barley, oats, 1% calcium carbonate, 1% protozyme, ½% salt.
Green Mountain Mash Caledonia Mills St. Johnsbury, Vt.	G. 19.00 F. 19.92	4.00 4.70	48.00 57.69	.... 7.28	.... 10.41	9.00 9.11	Corn meal, oats, wheat middlings, cottonseed meal, gluten feed, linseed meal, alfalfa, wheat bran, meat, bone, fish scraps, charcoal, 1/10% salt.
Calef's Poultry Mash A. L. Calef Barrington, N. H.	G. 18.00 F. 19.84	4.00 5.33	50.00 54.49	.... 9.98	.... 10.36	5.00 5.49	Wheat bran, screenings not exceeding mill run, corn meal, gluten feed, beef scraps, red dog, wheat middlings, oats, salt.
Chase Growing Mash David C. Chase Smithtown, N. H.	G. 15.00 F. 15.32	5.00 5.13	50.00 59.31	.... 9.25	.... 10.99	9.00 6.28	Corn meal, oat meal, wheat bran, wheat middlings, meat scraps, bone meal, charcoal, salt.
Chase Laying Mash David C. Chase Smithtown, N. H.	G. 19.00 F. 20.72	5.00 5.85	48.00 52.43	.... 10.51	.... 10.49	8.00 6.65	Corn meal, oat meal, wheat bran, wheat middlings, meat scraps, corn gluten feed.
Chase Laying Mash Cheshire County Farmers' Exchange Keene, N. H.	G. 19.00 F. 20.49	6.00 4.73	54.00 55.18	.... 8.86	.... 10.74	7.00 6.82	Gluten feed, flour middlings, wheat bran, oats, corn meal, meat scraps, 1% salt.

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Conkey's Buttermilk Grain and Bone Starting Feed	G. 14.00	3.00	60.00	....	....	4.00	Oat meal, wheat middlings, corn meal, corn feed meal, buttermilk, raw bone, blood flour, meat meal, ½% salt.
G. E. Conkey Co. Cleveland, Ohio	F. *13.00*	4.93	66.10	4.56	11.41	3.26	
Coweco Dry Mash	G. 20.00	4.00	45.00	....	....	8.50	Buttermilk, wheat bran, oats, barley, gluten feed, linseed meal, meat scraps, wheat middlings, fish scraps, corn meal, salt, calcium carbonate.
E. A. Cowee Co. Fitchburg, Mass.	F. 20.40	5.16	52.85	11.92	9.67	6.25	
Corson's No. 1 Laying Mash	G. 17.00	5.00	57.00	....	....	7.00	Corn meal, wheat bran, wheat middlings, oat flour, alfalfa leaf meal, meat scraps, fish scrap, barley, salt.
Freeman Corson Rochester, N. H.	F. 17.08	5.40	59.03	7.21	11.28	5.73	
Crosby's Egg Mash	G. 20.00	4.00	50.00	....	....	7.00	Buttermilk, fish meal, meat scraps, corn gluten feed, linseed meal, corn, oats, barley, buckwheat, wheat bran, wheat middlings, mill run screenings, calcium carbonate, ¾% salt.
Crosby Milling Co. Brattleboro, Vt.	F. 20.53	5.10	53.69	10.00	10.68	5.57	
All-Mash Ration	G. 15.00	4.50	58.00	....	....	4.00	Corn, wheat, oats, wheat bran, wheat middlings, meat scraps, fish scraps, bone meal, molasses, ½% salt.
J. Cushing Co. Fitchburg, Mass.	F. 16.02	4.85	61.66	5.80	11.67	4.81	
Growing Mash	G. 16.00	4.00	45.00	....	....	8.00	Buttermilk, meat and fish scraps, wheat middlings, corn feed meal, wheat bran, corn gluten feed, oat meal, oats, hominy feed, old process linseed meal, alfalfa meal, ½% salt.
J. Cushing Co. Fitchburg, Mass.	F. 20.16	6.41	54.83	7.74	10.86	5.94	
Laying Mash	G. 20.00	5.00	45.00	....	....	7.00	Buttermilk, meat and fish scraps, wheat middlings, corn feed meal, wheat bran, corn gluten feed, oats, hominy feed, old process linseed meal, alfalfa meal, ½% salt.
J. Cushing Co. Fitchburg, Mass.	F. 20.44	6.34	54.85	7.69	10.68	5.71	

Dunbar's Special Mash W. E. Dunbar Sons Manchester, N. H.	G. 20.00 F. 21.19	5.00 5.00	50.00 55.00	.... 8.11	.... 10.68	6.00 5.61	Hominy, gluten feed, white middlings, oats, wheat bran, beef scraps.
Eastern's La-in Egg Mash Eastern Grain Co. Portland, Me.	G. 20.00 F. 22.20	5.00 5.48	45.00 53.26	.... 8.70	.... 10.36	7.00 5.25	Wheat middlings, corn feed meal, meat scraps, fish meal, wheat bran, corn gluten feed, oats, hominy feed, old process linseed meal, ½% dried buttermilk, ½% alfalfa meal, ½% salt.
Eastern States Egg Mash Eastern States Farmers' Exchange Springfield, Mass.	G. 16.50 F. 16.38	3.50 5.88	55.00 57.92	.... 9.09	.... 10.73	7.00 6.75	Corn meal, wheat bran, wheat flour middlings, oats, meat scraps, fish meal, alfalfa leaf meal, bone meal, salt.
Elmore Egg Mash Elmore Milling Co. Oneonta, N. Y.	G. 18.00 F. 18.44	4.00 5.64	.... 58.11	.... 7.77	.... 10.04	8.00 5.56	Buttermilk, meat scraps, second clear flour, oats, wheat middlings, corn meal or hominy feed, wheat bran, calcium carbonate, salt, cod liver oil, cod liver meal.
Eshelman's Growing Mash John W. Eshelman and Sons Lancaster, Pa.	G. 16.00 F. 18.12	4.00 5.81	45.00 59.01	.... 6.44	.... 10.62	8.00 6.64	Wheat middlings, corn feed meal, meat scrap, fish scrap, wheat bran, corn gluten feed, oats, hominy feed, old process linseed meal, ½% buttermilk, 1% alfalfa meal, ½% salt.
Eshelman's Laying Mash John W. Eshelman and Sons Lancaster, Pa.	G. 20.00 F. 21.14	5.00 6.42	45.00 53.38	.... 8.61	.... 10.45	7.00 5.60	Wheat middlings, corn feed meal, meat scrap, fish scrap, wheat bran, corn gluten feed, oats, hominy feed, old process linseed meal, ½% buttermilk, ½% salt, 1% alfalfa meal.
Pennsy Poultry Mash John W. Eshelman and Sons Lancaster, Pa.	G. 20.00 F. *19.13*	5.00 5.51	45.00 56.96	.... 8.09	.... 10.31	8.00 8.61	Wheat middlings, corn feed meal, meat scraps, fish scraps, wheat bran, cane molasses, oats, corn gluten feed, old process linseed meal, wheat screenings.
Grandin's Baby Chick Starter D. H. Grandin Milling Co. Jamestown, N. Y.	G. 12.00 F. 16.00	4.00 6.08	60.00 62.30	.... 5.04	.... 10.58	5.00 4.06	Buttermilk, oats, wheat, corn meal, hominy feed, wheat middlings, calcium carbonate, bone meal.
Grandin's Growing Feed D. H. Grandin Milling Co. Jamestown, N. Y.	G. 14.00 F. 15.85	4.00 5.17	50.00 57.77	.... 11.05	.... 10.16	8.00 5.77	Bone meal, meat and bone, corn gluten feed, buttermilk, wheat bran, wheat middlings, corn meal, corn feed meal, hominy, feed, oats, calcium carbonate, salt, screenings not exceeding mill run.

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Grandin's Laying Mash D. H. Grandin Milling Co. Jamestown, N. Y.	G. 20.00 F. 20.88	4.00 4.99	50.00 51.50	.... 11.91	.... 10.72	8.00 6.07	Fish, meat and bone, corn gluten feed, corn gluten meal, wheat bran, wheat middlings, corn meal, corn feed meal, hominy feed, oats, scratch feed screenings, buttermilk, alfalfa meal, calcium carbonate, salt, screenings not exceeding mill run.
Red Comb Egg Mash Hales and Hunter Co. Chicago, Ill.	G. 15.00 F. 16.38	4.00 4.60	56.00 59.26	.... 10.47	.... 9.29	6.00 6.00	Corn feed meal, oat flour wheat bran, wheat middlings, corn gluten feed, meat scraps, alfalfa meal, buttermilk, bone meal, iron sulphate, charcoal, sulphur, salt.
Red Comb Growing Mash Hales and Hunter Co. Chicago, Ill.	G. 14.00 F. 15.37	4.00 4.61	50.00 62.48	.... 7.96	.... 9.58	6.00 4.69	Corn feed meal, oat flour, wheat flour, wheat middlings, wheat bran, corn gluten feed, meat scraps, buttermilk, bone meal, charcoal, iron sulphate, sulphur, salt.
Granite State All-Mash Ration E. C. and W. L. Houkins Greenfield, N. H.	G. 14.00 F. 13.79	4.50 4.90	60.00 63.89	.... 5.64	.... 11.78	3.50 4.60	Corn, wheat bran, oats, leaf alfalfa, dried milk, meat scraps, fish meal, bone meal, calcium carbonate, salt.
Kasco Chick Starting Mash Kasco Mills, Inc. Waverly, N. Y.	G. 20.00 F. 20.18	4.00 5.78	50.00 54.69	.... 9.11	.... 10.24	5.50 5.14	Wheat red dog flour, wheat middlings, wheat bran, corn meal, linseed meal, meat scrap, bone meal, buttermilk, ¾% salt, 1% calcium carbonate, 1% cod liver oil.
Kasco Laying Mash Kasco Mills, Inc. Waverly, N. Y.	G. 20.00 F. 21.89	4.00 5.14	50.00 54.32	.... 7.38	.... 11.27	8.50 6.92	Wheat bran, wheat middlings, wheat red dog flour, corn meal, linseed meal, corn gluten feed, oats, meat and bone scrap, fish meal, buttermilk, ¾% salt, alfalfa meal.

Larro Egg Mash	G. 19.00	5.00	53.00	....	....	8.00	Oat meal, wheat middlings, yellow hominy feed, meat scrap, wheat bran, buttermilk, alfalfa meal, bone meal, ¾% salt, ¾% salt, ¾% calcium carbonate.
Larrowe Milling Co.	F. 20.36	5.44	53.05	11.49	9.66	6.07	
Detroit, Mich.							
Poultry Mash	G. 18.00	2.50	60.00	....	....	7.00	Corn meal, alfalfa meal, oats, oil meal, gluten meal, wheat bran, middlings, bone meal, beef scraps, fish meal, buttermilk.
McQuesten and Lewis	F. 21.89	4.80	53.76	8.67	10.88	6.48	
Manchester, N. H.							
Farr Mash	G. 18.00	4.00	50.00	....	....	8.00	Wheat middlings, wheat bran, mill run screenings, corn meal, meat scraps, oats alfalfa, charcoal, ¾% salt, 3% carbonate of lime.
Merrimack Farmers' Exchange	F. 22.81	5.78	47.97	13.78	9.66	8.69	
Concord, N. H.							
Merrimack Egg Mash	G. 21.00	5.00	50.00	....	....	5.00	Corn meal, wheat bran, white wheat middlings, corn gluten feed, meat scraps, 1% salt, 2% calcium carbonate.
Merrimack Farmers' Exchange	F. *20.34*	5.28	54.39	9.51	10.48	4.54	
Concord, N. H.							
Merrimack Growing Mash	G. 20.00	5.00	50.00	....	....	6.00	Corn meal, oat meal, wheat bran, wheat middlings, corn gluten feed, meat scraps, 2% calcium carbonate.
Merrimack Farmers' Exchange	F. *19.05*	5.40	58.80	6.54	10.21	5.19	
Concord, N. H.							
Merrimack Super Mash	G. 18.00	5.00	50.00	....	....	5.00	Corn meal, wheat bran, alfalfa leaf meal, oat groats, meat scraps, fish meal, milk, bone meal, calcium carbonate, salt, wheat middlings.
Merrimack Farmers' Exchange	F. 19.04	5.09	55.98	10.03	9.86	3.79	
Concord, N. H.							
Aunt Mary's Egg Mash	G. 19.00	4.00	....	....	....	8.50	Buttermilk, meat meal, fish meal, oat meal, calcium carbonate, corn germ meal, old process linseed meal, hominy, corn gluten feed, wheat bran, wheat middlings, wheat flour middlings, alfalfa meal, corn feed meal, 1% salt, screenings not exceeding mill run.
Ontario Milling Co.	F. 19.09	5.36	56.21	8.92	10.42	5.62	
Oswego, N. Y.							
Growing Feed	G. 14.00	1.50	50.00	....	....	8.00	Corn, wheat, oats, alfalfa, barley, meat and bone meal, wheat bran, mill run screenings, wheat middlings, calcium carbonate, salt, buttermilk.
Park and Pollard Co.	F. 16.11	3.86	58.21	10.61	11.21	4.85	
Boston, Mass.							
Lay or Bust Dry Mash	G. 18.00	1.50	40.00	....	....	10.00	Corn, wheat, oats, barley, kaffir corn, buckwheat, alfalfa, fish, meat, bone, wheat bran, mill run screenings, wheat middlings, calcium carbonate, salt, buttermilk.
Park and Pollard Co.	F. 18.43	4.78	56.87	8.54	11.38	5.80	
Boston, Mass.							

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Puritan Dry Mash W. N. Potter and Sons Greenfield, N. H.	G. 18.00 F. 17.86	5.00 4.89	50.00 58.49	.... 7.06	.... 11.70	8.00 6.40	Wheat bran, beef scraps, wheat middlings, buttermilk, fish meal, alfalfa, calcium carbonate, salt, oats.
Ful-O-Pep Growing Mash Quaker Oats Co. Chicago, Ill.	G. 19.00 F. 19.17	5.00 6.29	53.00 54.76	.... 10.42	.... 9.36	6.00 5.63	Oat meal, hominy feed, yellow hominy feed, barley meal, wheat bran, wheat middlings, wheat screenings not exceeding mill run, fish meal, cod liver meal, bone meal, meat scraps, puffed wheat, alfalfa meal, 2% calcium carbonate, ¾% salt.
Purina Chicken Chowder Feed Ralston Purina Co. St. Louis, Mo.	G. 19.00 F. 20.40	4.00 4.75	55.00 55.83	.... 7.76	.... 11.26	8.00 8.00	Wheat middlings, wheat bran, corn meal, corn germ meal, alfalfa, linseed meal, 1% bone meal, meat, 1% salt, 1% charcoal.
Purina Chicken Fat Chow Feed Ralston Purina Co. St. Louis, Mo.	G. 15.50 F. 16.20	4.60 *4.33*	60.00 59.45	.... 7.96	.... 12.06	4.50 3.62	Buttermilk, oats, corn, corn germ meal, wheat flour, linseed meal, bone meal, ½% salt.
Ful-O-Pep Chick Starter Quaker Oats Co. Chicago, Ill.	G. 15.00 F. 20.32	5.00 5.72	56.00 55.44	.... 8.83	.... 9.69	6.00 5.16	Oat meal, hominy feed wheat bran, wheat middlings, bone meal, fish meal, cod liver meal, puffed wheat, alfalfa meal, cod liver oil, 2% calcium carbonate, ½% salt.
Ful-O-Pep Egg Mash Quaker Oats Co. Chicago, Ill.	G. 20.00 F. 19.67	4.00 6.31	53.00 52.99	.... 11.71	.... 9.32	8.00 7.15	Oat meal, hominy feed, yellow hominy feed, barley meal, linseed meal, wheat bran, wheat middlings, screenings not exceeding mill run, bone meal, fish meal, cod liver meal, meat scraps, alfalfa meal, 2% calcium carbonate, ¾% salt.
Vitality Chick Starter Rosenbaum Brothers Chicago, Ill.	G. 15.00 F. 16.14	5.00 5.00	49.00 60.60	.... 6.89	.... 11.37	6.00 5.52	Buttermilk, oat meal, bone meal, wheat middlings, corn feed meal.

Vitality Egg Mash	G. 20.00	4.00	48.00	....	....	8.00	Buttermilk, oat meal, meat scraps, bone meal, corn feed meal, wheat middlings, alfalfa meal, corn germ meal, gluten feed, calcium carbonate.
Rosenbaum Brothers	F. 20.09	4.60	52.09	12.74	10.38	5.01	
Chicago, Ill.							
Vitality Growing Mash	G. 15.00	5.00	49.00	....	....	6.00	Buttermilk, oat meal, meat scraps, corn feed meal, bone meal, wheat middlings, alfalfa meal, corn germ meal, gluten feed, calcium carbonate.
Rosenbaum Brothers	F. 15.89	*4.61*	58.52	9.54	11.44	4.59	
Chicago, Ill.							
Wirthmore Growing Feed	G. 15.00	4.50	50.00	....	....	4.50	Buttermilk, bone meal, wheat, corn, oats, barley, peas, milo maize, wheat bran, wheat middlings, wheat red dog, beef scraps, calcium carbonate, salt.
St. Albans Grain Co.	F. 15.89	5.62	58.28	8.49	11.72	5.19	
St. Albans, Vt.							
Wirthmore Mash Feed	G. 20.00	4.00	50.00	....	....	7.00	Buttermilk, oats, barley, buckwheat, corn, wheat bran, wheat middlings, corn gluten feed, oats, beef scraps, fish meal, linseed meal, calcium carbonate, salt.
St. Albans Grain Co.	F. 19.70	6.03	54.75	8.41	11.11	5.78	
St. Albans, Vt.							
Strafford County Mash	G. 17.00	5.00	57.00	....	....	10.00	Bran, middlings, oats, corn meal, gluten, meat scraps, hominy.
Strafford County Grain Mill	F. 21.63	5.35	53.92	9.04	10.16	6.54	
Rochester, N. H.							
Blue Seal All-Mash Ration	G. 14.00	4.50	58.00	....	....	3.50	Corn, wheat, oats, bran, flour middlings, meat scraps, skim milk, bone meal, molasses, salt.
H. K. Webster Co.	F. *13.26*	*4.17*	64.76	5.62	12.19	3.17	
Lawrence, Mass.							
SKIM MILK POWDER							
B and B Brand Roller Process Dried Skim Milk	G. 30.00	0.20	46.00	....	....	....	
B and B Dairy Co.	F. 37.21	1.48	49.71	7.89	3.71	....	
Harpersfield, N. Y.							
Pure Dried Skim Milk Powder	G. 32.00	0.75	....	....	....	....	
Eastern Grain Co.	F. 33.45	*0.32*	52.49	7.88	5.86	....	
Bridgewater, Mass.							
WHEAT BRAN							
William Tell Bran	G. 15.50	4.00	55.25	....	....	9.50	Wheat bran, screenings not exceeding mill run.
Ansted and Burk Co.	F. *12.69*	4.06	65.70	6.74	10.81	....	
Springfield, Ohio							

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Atkinson Wheat Bran	G. 14.00	4.00	....	....	....	12.00	Screenings not exceeding mill run.
Atkinson Milling Co. Minneapolis, Minn.	F. 14.89	4.73	63.30	5.90	11.18	....	
Wingold Bran	G. 15.50	4.50	60.10	....	....	12.40	
Bay State Milling Co. Winona, Minn.	F. *14.49*	5.64	61.17	6.38	12.32	....	
Cannon Valley Pure Wheat Bran	G. 16.00	4.50	60.00	....	....	10.00	
Cannon Valley Milling Co Minneapolis, Minn.	F. 16.73	4.50	62.74	5.72	10.31	....	
Commander Wheat Bran	G. 14.50	5.00	62.00	....	....	12.00	Screenings not exceeding mill run.
Commander Milling Co. Minneapolis, Minn.	F. 14.94	5.07	62.05	6.39	11.55	....	
Dandy Bran	G. 15.00	3.50	51.00	....	....	11.50	
Copeland Flour Mills Ltd. Midland, Canada	F. *13.96*	6.26	62.42	5.29	12.07	....	
Coarse Wheat Bran	G. 15.00	5.00	....	....	....	11.00	Screenings not exceeding mill run.
Crookston Milling Co. Crookston, Minn.	F. 15.89	5.92	61.86	4.91	11.42	....	
Wheat Bran	G. 15.00	3.50	53.00	....	....	11.50	
Dominion Flour Mills Ltd. Montreal, Canada	F. *14.41*	5.74	62.60	5.03	12.22	....	
Sunshine Bran	G. 13.50	3.00	64.50	....	....	8.50	Screenings not exceeding mill run.
J. F. Eesley Milling Co. Plainwell, Mich.	F. *12.28*	3.89	66.13	6.22	11.48	....	
Dairy Maid Bran	G. 14.00	3.50	57.00	....	....	11.00	Screenings not exceeding mill run.
Federal Mill and Elevator Co. Lockport, N. Y.	F. *13.47*	4.09	64.27	6.49	11.68	...	

Lucky Wheat Bran	G. 14.00	4.00	60.00	....	....	11.00	Wheat screenings not exceeding mill run.
Federal Mill and Elevator Co.	F. 15.24	4.74	62.95	6.58	10.49	....	
Lockport, N. Y.							
Black Hawk Pure Wheat Bran	G. 13.50	3.20	62.00	....	....	12.00	
International Milling Co	F. 14.27	4.93	62.81	5.37	12.62	....	
Minneapolis, Minn							
Wheat Bran	G. 15.00	3.50	51.80	....	....	11.50	
Jas. Goldie Co. Ltd.	F. 15.19	5.89	61.77	5.21	11.94	....	
Guelph, Ontario							
Lakewoods Wheat Bran	G. 15.00	3.50	....	....	....	11.50	
Lake of the Woods Milling Co. Ltd.	F. *14.45*	5.41	63.88	5.57	10.69	....	
Montreal, Canada							
Winter Wheat Bran and Wheat Screenings	G. 15.00	3.50	57.00	....	....	10.00	Wheat bran, wheat screenings not to exceed 8%.
Larabee Flour Mills Co.	F. *14.24*	3.71	64.70	5.74	11.61	....	
Kansas City, Mo.							
Wheat Bran	G. 15.00	3.50	50.00	....	....	11.50	
Maple Leaf Milling Co. Ltd.	F. 14.55	6.05	62.25	5.48	11.67	....	
Toronto, Canada							
Wheat Bran	G. 14.50	5.00	62.00	....	....	12.00	Screenings not exceeding mill run.
Minneapolis Milling Co.	F. *13.27*	5.71	63.05	5.48	12.49	....	
Minneapolis, Minn.							
Pure Wheat Bran	G. 15.50	3.50	50.00	....	....	11.00	
Nebraska Consolidated Mills Co.	F. 17.04	4.43	61.58	5.61	11.34	....	
Omaha, Nebraska							
Pure Wheat Bran	G. 14.50	4.00	62.00	....	....	12.00	
Northwestern Consolidated Milling Co.	F. 14.07	5.10	62.54	5.96	12.33	....	
Minneapolis, Minn.							
Ogilvie's Wheat Bran	G. 15.00	3.50	53.00	....	....	11.50	
Ogilvie Flour Mills Co.	F. 14.54	5.64	63.19	5.42	11.21	....	
Montreal, Canada							
Pillsbury's Wheat Bran	G. 14.00	4.00	63.00	....	....	12.00	Wheat bran, screenings not exceeding mill run.
Pillsbury Flour Mills Co.	F. 15.06	5.66	62.14	5.28	11.86	....	
Minneapolis, Minn.							

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moist-ure	Crude Fiber	
Bell Cow Bran	G. 15.00	3.50	....	....	....	10.00	Wheat bran, screenings not exceeding mill run.
Quaker Oats Co.	F. *14.45*	5.03	62.49	5.41	12.62	....	
Peterborough, Canada							
Bell Cow Bran	G. 17.60	5.30	....	....	....	10.38	
Quaker Oats Co.	F. *13.97*	*4.99*	64.40	5.10	11.54	....	
Peterborough, Canada							
Superior Pure Wheat Bran	G. 15.00	3.50	....	....	....	11.50	
Robin Hood Mills Ltd.	F. 16.26	5.72	60.60	5.04	12.38	....	
Moose Jaw, Canada							
Occident Bran	G. 14.00	4.00	61.50	....	....	11.50	
Russel-Miller Milling Co.	F. 14.89	5.49	62.07	5.47	12.08	....	
Minneapolis, Minn.							
Red Turkey Pure Wheat Bran	G. 14.50	3.50	50.00	....	....	11.00	
Southwestern Milling Co.	F. 15.81	4.06	60.68	6.79	12.66	....	
Kansas City,, Mo.							
Rainbow Bran	G. 15.00	3.50	51.80	....	....	11.50	
Standard Milling Co. of Canada Ltd.	F. 16.81	4.66	62.19	4.92	11.42	....	
Toronto, Canada							
Crescent Wheat Bran	G. 14.00	3.00	63.00	....	....	12.00	Screenings not exceeding mill run.
Star and Crescent Milling Co.	F. 14.49	4.38	62.40	6.99	11.74	....	
Chicago, Ill.							
Bran	G. 15.00	3.50	....	....	....	11.50	
St. Lawrence Flour Mills Co. Ltd.	F. 15.72	5.13	61.96	4.85	12.34	....	
Montreal, Canada							
Bran	G. 14.00	3.00	45.00	....	....	10.00	Mill run screenings.
F. W. Stock and Sons	F. 16.15	4.92	61.08	5.81	12.04	....	
Hillsdale, Mich.							

Spring Wheat Bran	G. 14.50	4.00	63.00	....	....	12.50	Wheat bran, screenings not exceeding mill run.
David Stott Flour Mills	F. 15.19	4.78	61.76	5.29	12.98	....	
Detroit, Mich.							
Stratton and Co.'s Fancy Bran	G. 14.20	4.00	64.00	....	....	11.00	Mill run screenings.
Stratton and Co.	F. 14.23	4.26	65.01	5.39	11.11	....	
Concord, N. H.							
Bonny Wheat Bran	G. 14.00	4.00	63.00	....	....	12.00	Wheat bran, screenings not exceeding mill run.
Traders Feed and Grain Co.	F. 15.15	5.84	61.15	5.32	12.54	....	
Buffalo, N. Y.							
Rowena Wheat Bran	G. 14.25	3.25	65.00	....	....	10.00	Screenings not exceeding mill run.
Valley City Milling Co.	F. 14.89	4.73	63.33	5.92	11.13	....	
Grand Rapids, Mich.							
Gold Medal Bran	G. 14.00	4.00	63.00	....	....	12.00	Hard wheat bran, mill run wheat screenings.
Washburn-Crosby Co.	F. 14.26	5.26	61.61	5.74	13.13	....	
Minneapolis, Minn							
Pioneer Pure Wheat Bran	G. 14.00	3.50	....	....	....	11.50	
Western Canada Flour Mills Co. Ltd.	F. 14.43	5.84	62.02	5.63	12.08	....	
Winnipeg, Canada							
WHEAT MIDDLINGS							
William Tell Middlings	G. 16.25	4.00	61.50	....	....	5.75	Wheat middlings, screenings not exceeding mill run.
Ansted and Burk Co.	F. *13.94*	4.00	66.94	3.59	11.53	....	
Springfield, Ohio							
William Tell White Middlings	G. 13.50	3.00	....	....	....	5.50	Low grade flour, wheat middlings, corn bran, wheat screenings not exceeding mill run.
Ansted and Burk Co.	F. *12.74*	4.38	69.23	2.71	10.94	....	
Springfield Ohio							
Wingold Standard Middlings	G. 17.00	5.00	62.70	....	....	9.00	Screenings not exceeding mill run.
Bay State Milling Co.	F. 17.29	6.06	61.27	4.40	10.98	....	
Winona, Minn.							
Wheat Standard Middlings	G. 15.00	5.00	62.00	....	....	9.50	Screenings not exceeding mill run.
Buffalo Flour Mills Corp.	F. 15.69	5.14	62.48	3.56	13.13	....	
Buffalo, N. Y.							
Bunker's Fancy Middlings	G. 15.50	4.00	55.00	....	....	7.00	Wheat middlings red dog flour.
Ralph H. Bunker	F. 16.90	4.98	63.30	3.28	11.54	....	
Dover, N. H.							

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Commander Standard Middlings	G. 15.00	5.00	62.00	....	....	9.50	Screenings not exceeding mill run.
Commander Mill Co. Minneapolis, Minn.	F. 15.24	5.13	64.11	5.05	10.47	....	
Elmore Snow Middlings	G. 16.00	4.25	....	....	....	7.00	Low grade wheat flour, wheat middlings.
Elmore Milling Co. Oneonta, N. Y.	F. 16.90	4.46	64.46	3.73	10.45	....	
Eshelman's Wheat Flour Middlings	G. 16.00	4.00	....	....	....	6.00	Screenings not exceeding mill run.
John W. Eshelman and Sons Lancaster, Pa.	F. 15.76	5.03	65.03	3.21	10.97	....	
Sunshine Middlings	G. 15.00	3.50	65.50	....	....	6.00	Screenings not exceeding mill run.
J. F. Eesley Milling Co. Plainwell, Mich.	F. *13.68*	4.55	66.24	3.33	12.20	....	
Dairy Maid Winter Wheat Middlings	G. 15.50	4.50	58.00	....	....	6.00	Screenings not exceeding mill run.
Federal Mill and Elevator Co. Lockport, N. Y.	F. *14.12*	5.43	66.83	3.41	10.21	....	
Lucky Middlings	G. 15.50	4.50	58.00	....	....	7.50	Wheat screenings not exceeding mill run.
Federal Mill and Elevator Co. Lockport, N. Y.	F. 17.03	5.49	62.70	3.70	11.08	....	
Sphinx Fancy Flour Middlings	G. 15.50	4.00	59.00	....	....	6.00	Hard wheat middlings, second clear wheat flour, screenings not exceeding mill run.
Federal Mill and Elevator Co. Lockport, N. Y.	F. 16.24	4.37	65.58	3.12	10.69	....	
Black Hawk Standard Middlings	G. 16.00	4.50	....	....	....	8.50	Screenings not exceeding mill run.
International Milling Co. Minneapolis, Minn.	F. 16.91	5.48	61.83	3.89	11.89	....	
Fairybow	G. 15.50	5.00	61.50	....	....	9.50	Wheat middlings, wheat screenings.
H. H. King Flour Mills Co. Minneapolis, Minn.	F. 15.37	5.69	60.35	7.81	10.78	....	

Rex Wheat Middlings	G. 17.50	5.50	52.00	....	....	7.50	Screenings not exceeding mill run.
Maple Leaf Milling Co.	F. *15.94*	5.81	62.51	4.45	11.29	....	
Toronto, Canada							
Palmo Midds	G. 16.00	7.00	....	....	....	9.00	Wheat middlings, screenings not exceeding mill run, palm oil.
Newsome Feed and Grain Co.	F. 16.46	10.56	60.91	5.06	7.01	....	
Pittsburgh, Pa.							
Compass Pure Flour Middlings	G. 16.00	4.50	....	....	....	6.00	
New Ulm Roller Mill Co.	F. 16.59	5.10	62.62	3.70	11.99	....	
New Ulm, Minn.							
Wheat Flour Middlings	G. 15.00	4.00	62.00	....	....	6.00	Wheat flour middlings, screenings not exceeding mill run.
Northwestern Consolidated Milling Co.	F. 16.24	6.16	63.03	3.78	10.79	....	
Minneapolis, Minn.							
Wheat Standard Middlings	G. 15.00	4.00	62.50	....	....	9.50	Wheat middlings, screenings not exceeding mill run.
Northwestern Consolidated Milling Co.	F. 15.63	6.01	63.50	4.75	10.11	....	
Minneapolis, Minn.							
Wheat Flour Middlings	G. 16.00	4.00	....	....	....	6.00	Wheat flour middlings, screenings not exceeding mill run.
Park and Pollard Co.	F. 16.11	3.83	65.15	3.37	11.54	....	
Boston, Mass.							
Pillsbury's A Middlings	G. 16.00	4.00	62.00	....	....	6.00	Wheat red dog flour, wheat middlings, screenings not exceeding mill run.
Pillsbury Flour Mills	F. 16.73	5.21	61.65	5.15	11.26	....	
Minneapolis, Minn.							
Pillsbury's Standard B Middlings	G. 15.00	4.00	62.50	....	....	9.50	Wheat middlings, screenings not exceeding mill run.
Pillsbury Flour Mills Co.	F. 15.72	4.99	63.15	4.28	11.86	....	
Minneapolis, Minn.							
Alta Middlings	G. 15.00	4.50	53.00	....	....	8.50	
Russell-Miller Milling Co.	F. 17.93	5.42	61.29	3.85	11.51	....	
Minneapolis, Minn.							
Wirthmore Flour Middlings	G. 14.00	4.00	50.00	....	....	6.00	Wheat middlings, wheat red dog flour, mill run screenings.
St. Albans Grain Co.	F. 14.97	4.50	65.52	3.68	11.33	....	
St. Albans, Vt.							
Dakota Maid Standard Middlings	G. 16.10	5.70	60.10	....	....	8.10	Hard wheat middlings, mill run wheat screenings.
State Mill and Elevator	F. 17.38	6.44	60.89	3.86	11.43	....	
Grand Forks, N. D.							

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Middlings	G. 16.00	4.00	50.00	....	....	7.00	
F. W. Stock and Sons Hillsdale, Mich.	F. 16.14	4.73	63.70	3.31	12.12	....	
Pennant Wheat Middlings	G. 15.00	4.00	63.70	....	....	9.00	Wheat middlings, screenings not exceeding mill run.
David Stott Flour Mills Detroit, Mich.	F. 15.51	4.86	60.41	8.74	10.48	....	
Stott's Fine Flour Middlings	G. 14.50	3.70	65.40	....	....	6.00	Wheat middlings, screenings not exceeding mill run.
David Stott Flour Mills Detroit, Mich.	F. 14.71	3.97	67.39	3.08	10.85	....	
Stratton and Co.'s Middlings	G. 14.60	4.26	66.00	....	....	6.50	Screenings not exceeding mill run.
Stratton and Co. Concord, N. H.	F. 14.63	4.34	66.91	3.30	10.82	....	
Voigt's Winter Wheat Middlings	G. 14.50	4.00	52.20	....	....	10.00	Screenings not exceeding mill run.
Voigt Milling Co. Grand Rapids, Mich.	F. *13.62*	4.80	65.52	3.80	12.26	....	
Gold Medal Standard Middlings	G. 15.00	4.00	62.50	....	....	9.50	Wheat middlings, mill run screenings.
Washburn-Crosby Co. Minneapolis, Minn.	F. 15.85	5.64	62.34	4.65	11.52	....	
WHEAT MIXED FEED							
Capital Mixed Feed	G. 14.00	3.00	60.00	....	...	7.00	Wheat bran, second-clear flour.
E. W. Bailey and Co. Swanton, Vt.	F. 14.89	4.57	65.27	3.91	11.36	....	
Bunker's Mixed Feed	G. 15.50	4.00	60.00	....	....	8.00	Wheat bran, wheat middlings, wheat feed flour.
Ralph H. Bunker Dover, N. H.	F. 16.18	4.80	63.14	3.82	12.06	....	
Brooks' Fancy Mixed Feed	G. 15.00	5.00	....	....	....	8.00	Wheat bran, low grade flour.
Caledonia Mills St. Johnsbury, Vt.	F. 14.86	*4.57*	64.85	4.16	11.56	....	

Sunshine Mixed Feed	G. 14.25	3.25	65.00	....	....	7.25	Screenings not exceeding mill run.
J. F. Eesley Milling Co.	F. *13.04*	4.03	66.21	4.66	12.06	....	
Plainwell, Mich.							
Elmore's "Xtragood" Wheat Feed	G. 15.00	3.00	....	....	....	8.00	Wheat bran, wheat flour, screenings not exceeding mill run.
Elmore Milling Co.	F. 14.63	4.21	65.72	3.50	11.94	....	
Oneonta, N. Y.							
Dairy Maid Mixed Feed	G. 15.50	4.00	57.00	....	....	8.00	Wheat bran, wheat middlings, screenings not exceeding mill run.
Federal Mill and Elevator Co.	F. *13.92*	4.46	65.48	5.16	10.98	....	
Lockport, N. Y.							
Lucky Mixed Feed	G. 15.00	4.50	56.00	....	....	9.50	Wheat bran, wheat middlings, screenings not exceeding mill run.
Federal Mill and Elevator Co.	F. 15.59	5.14	62.03	4.98	12.26	....	
Lockport, N. Y.							
Glencoco Wheat Feed	G. 13.50	3.50	65.00	....	....	6.00	Mill run wheat screenings.
Glen Mills Cereal Co.	F. *12.65*	3.50	66.85	4.04	12.96	....	
Newburyport, Mass.							
Granite State Mixed Feed	G. 15.00	4.00	55.00	....	....	8.50	Wheat bran, wheat red dog flour, screenings not exceeding mill run.
E. C. and W. L. Hopkins	F. 16.11	4.58	62.52	5.20	11.59	....	
Greenfield, N. H.							
Gold Mine Feed	G. 15.00	4.50	....	....	....	9.50	Bran, shorts, low grade flour, wheat screenings.
H. H. King Flour Mills Co.	F. 15.96	5.80	61.29	5.31	11.64	....	
Minneapolis, Minn.							
Merrimack Heavy Wheat Feed	G. 15.00	4.00	55.00	....	....	9.00	Wheat middlings, wheat bran, mill run screenings.
Merrimack Farmers' Exchange	F. *14.37*	4.46	64.78	4.71	11.68	....	
Concord, N. H.							
National Feed	G. 15.00	3.75	49.00	....	....	10.00	Wheat bran, wheat middlings, screenings not exceeding mill run.
National Milling Co.	F. *13.36*	4.44	65.41	5.28	11.51	....	
Toledo, Ohio							
Osota Feed	G. 15.00	4.50	48.00	....	....	10.00	Wheat bran, wheat middlings, screenings not exceeding mill run.
National Milling Co.	F. 17.03	4.93	61.75	5.43	10.86	....	
Toledo, Ohio							
Planet Feed	G. 15.00	4.00	63.00	....	....	8.00	Wheat bran, red dog wheat flour.
Northwestern Consolidated Milling Co.	F. 16.07	5.33	62.80	4.35	11.45	....	
Minneapolis, Minn.							

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hy-drates	Ash	Moist-ure	Crude Fiber	
Pillsbury's Fancy Mixed Feed	G. 15.00	4.00	63.50	....	....	8.50	Wheat red dog, hard wheat bran, wheat screenings not exceeding mill run.
Pillsbury Flour Mills Co. Minneapolis, Minn.	F. 17.49	5.39	61.01	4.23	11.88	....	
Dependable Rex Mixed Feed	G. 16.00	4.00	55.00	....	....	10.00	Wheat bran, wheat middlings, screenings not exceeding mill run.
Royal Milling Co. Great Falls, Montana	F. 16.20	5.69	60.58	4.71	12.82	....	
Occident Mixed Feed	G. 15.00	4.50	61.50	....	....	9.50	Hard wheat, mill run bran, middlings, red dog.
Russell-Miller Milling Co. Minneapolis, Minn.	F. 16.77	5.35	61.60	4.73	11.55	....	
Wirthmore Wheat Feed	G. 15.00	4.50	50.00	....	....	8.00	Wheat bran, wheat feed flour, mill run screenings.
St. Albans Grain Co. St. Albans, Vt.	F. 15.32	*4.20*	64.55	4.41	11.52	....	
Heavy Litchfield Mixed Feed	G. 17.00	4.00	60.00	....	....	8.00	Mill run screenings.
F. W. Stock and Sons Hillsdale, Mich.	F. *13.93*	4.04	66.16	4.83	11.04	....	
Monarch Fancy Wheat Feed	G. 16.00	4.00	50.00	....	....	10.00	Mill run screenings.
F. W. Stock and Sons Hillsdale, Mich.	F. 17.34	4.61	60.84	5.23	11.98	....	
Superior Wheat Feed and Wheat Flour.	G. 16.00	4.50	50.00	....	....	7.00	Mill run screenings.
F. W. Stock and Sons Hillsdale, Mich.	F. *14.99*	4.61	64.22	3.52	12.66	....	
Columbus Mixed Wheat Feed	G. 15.00	3.70	65.00	....	....	10.00	Wheat flour, bran, middlings, wheat screenings not exceeding mill run.
David Stott Flour Mills Detroit, Mich.	F. 14.80	4.92	65.08	3.96	11.24	....	
Stott's Honest Mixed Feed	G. 15.50	3.70	62.20	....	....	10.50	Wheat bran, wheat middlings, screenings not exceeding mill run.
David Stott Flour Mills Detroit, Mich.	F. *14.72*	4.98	63.84	4.77	11.69	....	

Stratton and Co.'s Mixed Feed	G. 13.80	4.11	63.00	....	....	7.13	Screenings not exceeding mill run.
Stratton and Co.	F. 13.81	4.11	65.14	4.51	12.43	....	
Concord, N. H.							
Voigt's Winter Wheat Mixed Feed	G. 14.50	4.00	52.20	....	....	10.00	Screenings not exceeding mill run.
Voigt Milling Co.	F. 13.23	4.63	63.97	5.56	12.61	....	
Grand Rapids, Mich.							
WHEAT RED DOG FLOUR							
Reg Dog	G. 17.00	4.00	63.00	....	....	4.00	
Buffalo Flour Mills Corp.	F. 15.87	3.58	65.70	2.64	12.21	....	
Buffalo, N. Y.							
Red Dog Wheat Flour	G. 15.00	3.00	60.00	....	....	4.00	
Duluth-Superior Milling Co.	F. 14.90	3.63	67.36	2.22	11.89	....	
Duluth, Minn.							
Eshelman's Wheat Red Dog	G. 16.00	4.00	....	....	....	4.00	Screenings not exceeding mill run.
John W. Eshelman and Sons	F. 15.83	4.55	65.17	2.92	11.53	....	
Lancaster, Pa.							
Red Dog	G. 14.50	3.00	....	....	....	4.00	
Fairfax Milling Co.	F. 15.59	3.76	65.47	2.85	12.33	....	
Fairfax, Minn.							
Red Dog Wheat Flour	G. 16.50	4.00	62.00	....	....	4.00	Low grade wheat flour.
King Midas Mill Co.	F. 19.09	5.30	60.35	3.19	12.07	....	
Minneapolis, Minn.							
Red Dog B. B. Wheat Flour	G. 16.00	4.00	....	....	....	4.00	
Maritime Milling Co.	F. 15.24	4.19	64.55	3.46	12.56	....	
Buffalo, N. Y.							
XXX Comet	G. 16.00	4.00	62.00	....	....	4.00	Red dog wheat flour.
Northwestern Consolidated Milling Co.	F. 17.82	5.56	63.67	2.94	10.01	....	
Minneapolis, Minn.							
Pillsbury's XX Daisy	G. 16.00	4.00	62.00	....	....	4.00	Wheat red dog flour.
Pillsbury Flour Mills Co.	F. 17.99	4.79	62.43	2.90	11.89	....	
Minneapolis, Minn.							
Gold Medal Adrian Red Dog	G. 16.00	3.50	64.00	....	....	4.00	
Washburn-Crosby Co.	F. 16.16	4.81	65.06	2.21	11.76	....	
Minneapolis, Minn.							

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hy-drates	Ash	Moist-ure	Crude Fiber	
WHEAT SHORTS							
Dandy Shorts	G. 16.00	5.00	54.00	....	....	8.00	
Copeland Flour Mills Ltd.	F. 16.20	5.14	62.97	3.85	11.84	....	
Midland, Canada							
Wheat Shorts	G. 16.00	5.00	54.00	....	....	8.00	
Dominion Flour Mills Ltd.	F. 16.79	6.06	61.59	4.09	11.47	....	
Montreal, Canada							
Shorts	G. 16.00	5.00	50.00	....	....	8.00	
McLeod Milling Co.	F. *15.06*	5.87	58.89	7.14	13.04	....	
Stratford, Ont.							
Ogilvie's Wheat Shorts	G. 16.00	5.00	54.00	....	....	8.00	
Ogilvie Flour Mills Co. Ltd.	F. 16.03	5.59	62.39	4.23	11.76	....	
Fort Williams, Canada							
Bell Cow Shorts	G. 19.80	6.10	....	....	....	6.81	
Quaker Oats Co.	F *16.13*	5.97	61.72	3.91	12.27	....	
Peterborough, Canada							
Superior Wheat Shorts	G. 17.00	5.00	60.00	....	....	8.00	
Robin Hood Mills Ltd.	F. 16.55	6.01	61.54	4.09	11.81	....	
Moose Jaw, Canada							
Rainbow Shorts	G. 16.00	5.00	53.70	....	....	8.00	
Standard Milling Co. of Canada Ltd.	F. 18.69	5.81	60.16	4.34	11.00	....	
Toronto, Canada							
Spicmil Brand Wheat Shorts	G. 16.00	5.00	....	....	....	8.00	
Spillers Canadian Milling Co. Ltd.	F. 16.50	5.21	63.06	3.53	11.70	....	
Calgary, Canada							
Pioneer Shorts	G. 16.00	4.00	....	....	....	9.00	
Western Canada Flour Mills Co. Ltd.	F. *15.06*	5.99	63.23	4.47	11.25	....	
Winnipeg, Canada							

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